

EOG Resources, Inc.
P.O. Box 250
Big Piney, WY 83113

October 15, 1999

Utah Division of Oil, Gas, & Mining
1594 West North Temple
Box 145801
Salt Lake City, UT 84114-5801

RE: APPLICATION FOR PERMIT TO DRILL
WILD HORSE FEDERAL 105-34
NW/NE, SEC. 34, T10S, R19E
UINTAH COUNTY, UTAH
LEASE NO.: U-3405
FEDERAL LANDS

Enclosed please find a copy of the Application for Permit to Drill and associated attachments for the referenced well.

Please address further communication regarding this matter (including approval) to:

Ed Trotter
P.O. Box 1910
Vernal, UT 84078
Phone: (435)789-4120
Fax: (435)789-1420

Sincerely,


Ed Trotter
Agent
EOG Resources, Inc.

Attachments

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

EOG RESOURCES, INC.

3. ADDRESS AND TELEPHONE NO.

P.O. BOX 1815, VERNAL, UTAH 84078 (435)789-0790

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

660' FNL & 1980' FEL NW/NE

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

21.8 MILES SOUTHEAST OF OURAY, UTAH

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT. 660'
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

1600

17. NO. OF ACRES ASSIGNED
TO THIS WELL18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

5975'

20. ROTARY OR CABLE TOOLS

ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5296 FEET GRADED GROUND

22. APPROX. DATE WORK WILL START*

NOVEMBER 1999

23.

PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | GRADE, SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|-----------------------|-----------------|---------------|--|
| 11" | 8 5/8" | 24# | 200-220' | 100-150 SX CLASS "G" + 2% |
| or 12 1/4" | 9 5/8" | 32.30# | 200-220' | CaCl ₂ + 1/4 #/SX CELLOFLAKE. |
| 7 7/8" | 4 1/2" | 10.50# | 5975' | 50/50 POZMIX + 2% GEL + 10% SALT TO 400' ABOVE ALL ZONES OF INTEREST (+10% EXCESS). LIGHT CEMENT (11 PPG+) + LCM TO 200' ABOVE OIL SHALE OR FRESH WATER INTERVALS (+ 5% EXCESS). |

SEE ATTACHMENTS FOR:

8 POINT PLAN
BOP SCHEMATIC
SURFACE USE AND OPERATING PLAN
LOCATION PLAT
LOCATION LAYOUT
TOPOGRAPHIC MAPS "A", "B", AND "C"
GAS SALES PIPELINE--MAP "D"
FACILITY DIAGRAMEOG RESOURCES, INC., WILL BE THE
DESIGNATED OPERATOR OF THE SUBJECT
WELL UNDER NATIONWIDE BOND #NM 2308.

pc: UTAH DIVISION OF OIL, GAS, AND MINING

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IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout prevention program, if any.

24.

SIGNED

TITLE AGENT

DATE

10-20-1999

(This space for Federal or State office use)

PERMIT NO.

43-047-33419

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

TITLE

BRADLEY G. HILL
RECLAMATION SPECIALIST III

DATE

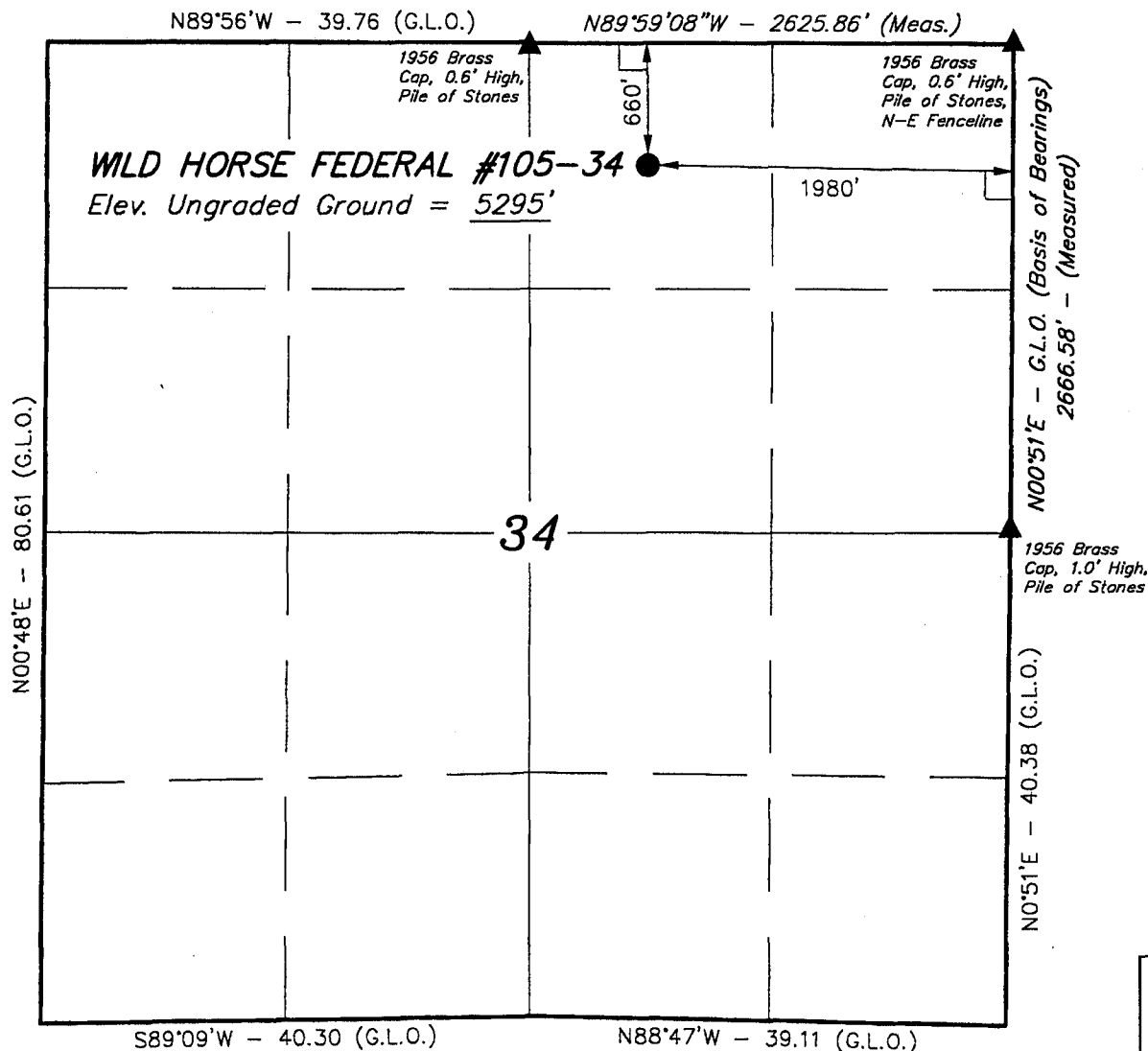
11/10/99

*See Instructions On Reverse Side

T10S, R19E, S.L.B.&M.

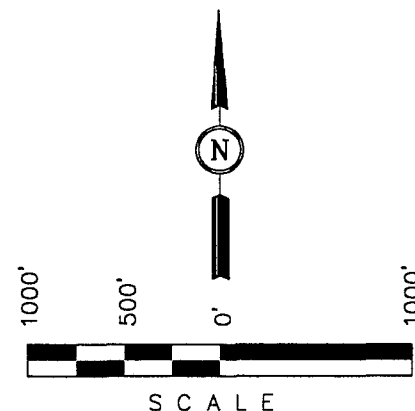
ENRON OIL & GAS CO.

Well location, WILD HORSE FEDERAL #105-34 located as shown in the NW 1/4 NE 1/4 of Section 34, T10S, R19E, S.L.B.&M. Uintah County, Utah.



BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 26, T10S, R19E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN. NW QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5282 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Robert L. Key
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
 85 SOUTH 200 EAST - VERNAL, UTAH 84078
 (435) 789-1017

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

LATITUDE = 39°54'32"
 LONGITUDE = 109°45'45"

| | | |
|----------------------------|-----------------------------|------------------------|
| SCALE 1" = 1000' | DATE SURVEYED: 9-8-99 | DATE DRAWN: 9-17-99 |
| PARTY D.L.K. L.J. D.COX | REFERENCES G.L.O. PLAT | |
| WEATHER HOT | FILE ENRON OIL & GAS CO. | |

EIGHT POINT PLAN

WILD HORSE FEDERAL 105-34

NW/NE, SEC. 34, T10S, R19E

UINTAH COUNTY, UTAH

1. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

| FORMATION | DEPTH | TYPE ZONES | MAXIMUM PRESSURE |
|-----------------|-------|------------|------------------|
| Green River | 845 | | |
| Oil Shale | 845 | | |
| "H" Marker | 2355 | | |
| "J" Marker | 3260 | | |
| Base "M" Marker | 3815 | | |
| Wasatch | 4345 | | |
| Peters Point | 4345 | GAS | |
| Chapita Wells | 5060 | GAS | |
| Buck Canyon | 5865 | GAS | |

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EST. TD 5975' Anticipated BHP 2600 PSI

2. PRESSURE CONTROL EQUIPMENT: BOP Schematic Diagram attached.

3. CASING PROGRAM:

| <u>HOLE SIZE</u> | <u>INTERVAL</u> | <u>LENGTH</u> | <u>SIZE</u> | <u>WEIGHT</u> | <u>GRADE</u> | <u>THREAD</u> | <u>MINIMUM SAFETY FACTOR</u> | | |
|------------------|-----------------|---------------|-------------|---------------|--------------|---------------|------------------------------|--------------|----------------|
| | | | | | | | <u>COLLAPSE</u> | <u>BURST</u> | <u>TENSILE</u> |
| 11 | 0' - 220' | 200' - 220' | 8 5/8 | 24.0 # | J-55 | ST&C | 1370 PSI | 2950 PSI | 263,000# |
| or | | | | | | | | | |
| 12 1/4 | 0' - 220' | 200' - 220' | 9 5/8 | 32.3 # | H-40 | ST&C | 1370 PSI | 2270 PSI | 254,000# |
| 7 7/8 | 0' - 5975' | 5975' | 4 1/2 | 10.5 # | J-55 | ST&C | 4010 PSI | 4790 PSI | 146,000# |

If conductor drive pipe is used, it will be left in place if its total length is less than 20 feet below the surface. If the total length of the drive pipe is equal to or greater than 20 feet, it will be pulled prior to cementing surface casing, or it will be cemented in place. The minimum diameter of the conductor drive pipe will be 13 3/8".

All casing will be new or inspected.

EIGHT POINT PLAN

WILD HORSE FEDERAL 105-34
NW/NE, SEC. 34, T10S, R19E
UINTAH COUNTY, UTAH

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5. MUD PROGRAM

INTERVAL

0' - 220'
240' - 4000'
4000' - TD

MUD TYPE

Air
Air/Mist & Aerated Water
Air/3% KCL water or KCL substitute

Lost circulation probable from 1500' to 3000'+/-.

Sufficient mud inventory will be maintained on location during drilling to handle any adverse conditions that may arise.

6. VARIANCE REQUESTS:

- A. EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line (Where possible, a straight run blooie line will be used).
- B. EOG Resources, Inc. requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line. (Not required on aerated water system).
- B. EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be 75' in length.

7. EVALUATION PROGRAM:

Logs: Schlumberger Platform Express

AIT-GR-SP-CAL

FDC-CNL-GR-Cal-PE

T.D. to base of surface casing

T.D. to 2300'

Cores: None Programmed

DST: None Programmed

Completion: To be submitted at a later date.

Note: If hole conditions prevent the running of open hole logs, a cased hole Dipole Sonic/Neutron/Gr will be run in lieu of open hole logs.

EIGHT POINT PLAN

WILD HORSE FEDERAL 105-34

NW/NE, SEC. 34, T10S, R19E

UINTAH COUNTY, UTAH

8. ABNORMAL CONDITIONS:

None anticipated.

9. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Kelly Clock
- C. Stabbing Valve
- D. Visual Mud Monitoring

10. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

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3000 PSIG DIAGRAM

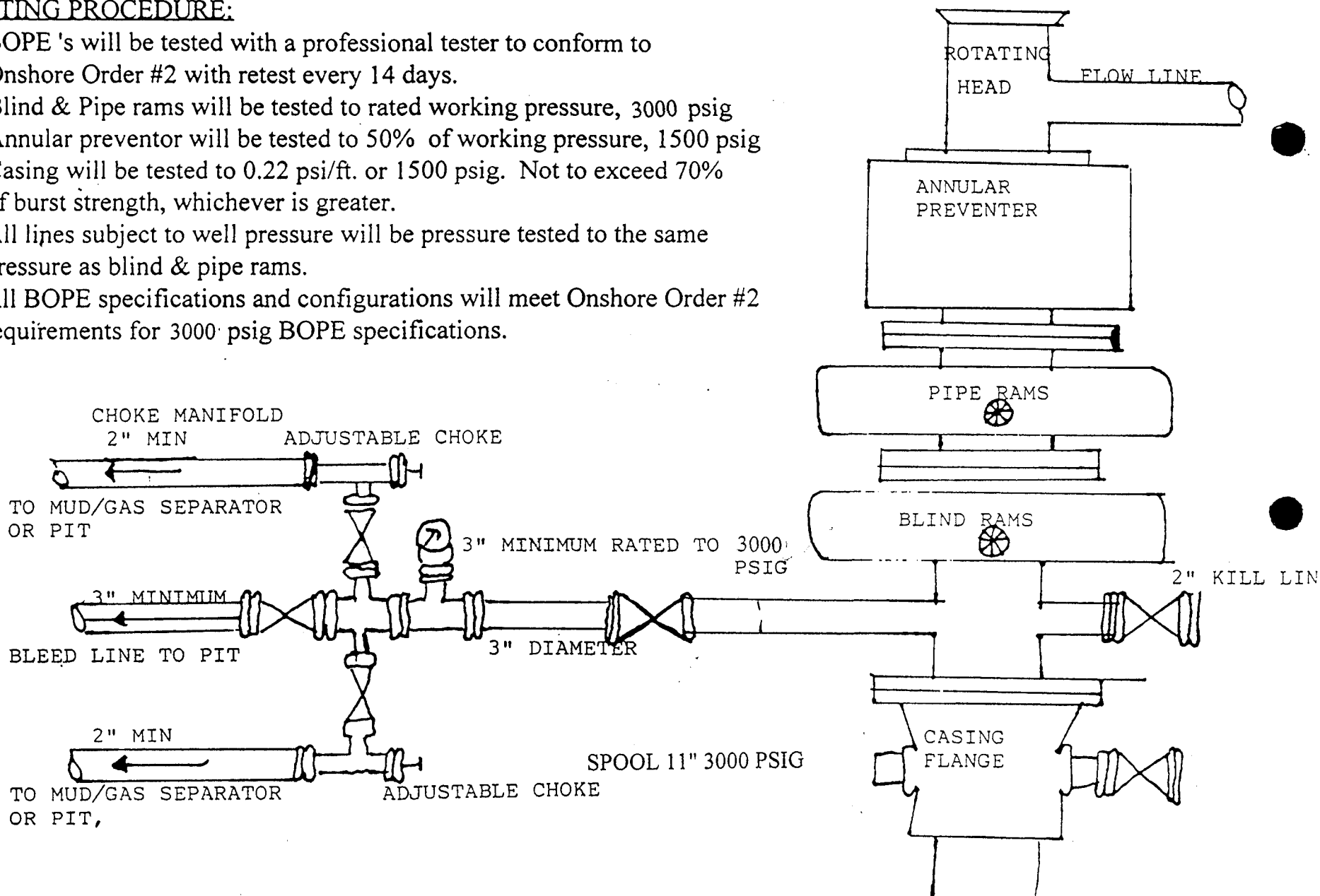
ANNULAR PREVENTOR AND BOTH RAMS ARE 3000 RATED.

CASING FLANGE IS 11" 3000 PSIG RATED.

BOPE 11" 3000 PSIG

TESTING PROCEDURE:

1. BOPE 's will be tested with a professional tester to conform to Onshore Order #2 with retest every 14 days.
2. Blind & Pipe rams will be tested to rated working pressure, 3000 psig
3. Annular preventor will be tested to 50% of working pressure, 1500 psig
4. Casing will be tested to 0.22 psi/ft. or 1500 psig. Not to exceed 70% of burst strength, whichever is greater.
5. All lines subject to well pressure will be pressure tested to the same pressure as blind & pipe rams.
6. All BOPE specifications and configurations will meet Onshore Order #2 requirements for 3000 psig BOPE specifications.



**CONDITIONS OF APPROVAL
FOR THE SURFACE USE PROGRAM OF THE
APPLICATION FOR PERMIT TO DRILL**

Company/Operator: EOG Resources, Inc.
Well Name & Number: Wild Horse Federal 105-34
Lease Number: U-3405
Location: 660' FNL & 1980' FEL, NW/NE, Sec. 34,
T10S, R19E, S.L.B.&M., Uintah County, Utah
Surface Ownership: Federal

NOTIFICATION REQUIREMENTS

Location Construction - forty-eight (48) hours prior to construction
of location and access roads.

Location Completion - prior to moving on the drilling rig.

Spud Notice: - at least twenty-four (24) hours prior to
spudding the well.

Casing String and
Cementing - twenty-four (24) hours prior to running
casing and cementing all casing strings.

BOP and related
Equipment Tests - twenty-four (24) hours prior to running
casing and tests.

First Production
Notice - within five (5) business days after new
well
begins or production resumes after well
has been off production for more than
ninety (90) days.

For more specific details on notification requirements, please check the Conditions of
Approval for Notice to Drill and Surface Use Program.

THIRTEEN POINT SURFACE USE PROGRAM

1. EXISTING ROADS

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 21.8 miles southeast of Ouray, Utah - See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary. No off lease Right-of-Way will be required.

2. PLANNED ACCESS ROAD

- A. The access road will be approximately 0.2 miles in length. See attached TOPO Map "B".
- B. The access road has a 30 foot ROW w/ 18 foot running surface.
- C. Maximum grade on access road will be 8%.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No culverts, bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.

New or reconstructed roads will be centerlined - flagged at time of location staking.

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, drainage, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot Right-of-Way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by run off water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

3. LOCATION OF EXISTING WELLS WITHIN A ONE MILE RADIUS OF PROPOSED WELL LOCATION

- A. Water wells - None
- B. Abandoned wells - None
- C. Temporarily abandoned wells - None
- D. Disposal wells - None
- E. Drilling wells - None
- F. Producing wells - 8*
- G. Shut in wells - None
- H. Injection wells - None

(*See attached TOPO map "C" for location)

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

A. ON WELL PAD

- 1. Tank batteries - None
- 2. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of well head valves, combo separator-dehy unit with meter, 300 Bbl vertical or 200 Bbl low profile, condensate tank, and attaching piping. See attached facility diagram.
- 3. Oil gathering lines - None
- 4. Gas gathering lines - A 3" gathering line will be buried from dehy to the edge of the location.
- 5. Injection lines - None
- 6. Disposal lines - None
- 7. Surface pits - None

B. OFF WELL PAD

- 1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
- 2. A 3" OD steel above ground natural gas pipeline will be laid approximately 1512' from proposed location to a point in the NE/4 of Section 34, T10S, R19E, where it will tie into Questar Pipeline Co.'s existing line. Proposed pipeline crosses Federal lands, thus a Right-of-Way grant will not be required.
- 3. Proposed pipeline will be a 3" OD steel, welded line laid on the surface.
- 4. Protective measures and devices for livestock and wildlife will be taken and/or installed where required.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire contents of the largest tank within the facility/battery.

The production facilities will be placed on the West end of the location.

5. LOCATION & TYPE OF WATER SUPPLY

- A. Water supply will be from Ouray Brine Plant at Ouray, Utah, and/or Target Trucking Inc.'s water source in the SW/SW, Sec. 35, T9S, R22E, Uintah County, Utah (State Water Right #49-1501). Produced water from the Chapita Wells and Stagecoach Units will also be used.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

6. SOURCE OF CONSTRUCTION MATERIAL

- A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of the location.
- B. All construction material will come from Federal Land.
- C. No mineral materials will be required.

7. METHODS OF HANDLING WASTE DISPOSAL

A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
 - 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
 - 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at an approved waste disposal facility.
 - 4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. During the 90 day period, an application for approval of a permanent disposal method and location, together with the required water analysis, will be submitted for the AO's approval.
 - 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit or be removed and disposed of at an authorized disposal site. Introduction of well bore

hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

Burning of trash will not be allowed. All trash must be contained in a trash cage and hauled away to an approved disposal site at the completion of the drilling activities.

On BLM administered land:

The reserve pit will be constructed so as not to leak, break, or allow discharge.

The reserve pit shall be lined.

After first production, produced wastewater will be confined to a lined pit or storage tank for a period not to exceed ninety (90) days. During the 90 day period, in accordance with Onshore Order No. 7, an application for approval of a permanent disposal method and location, along with required water analysis, shall be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

8. ANCILLARY FACILITIES

- A. No airstrips or camps are planned for this well.

9. WELLSITE LAYOUT

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.
- D. The approved seed mixture for this location is:
 - 4 pounds Shad Scale per acre
 - 4 pounds 4-Wing Salt Bush per acre
 - 4 pounds Nuttles Salt Bush per acre

The reserve pit will be located on the North side of the location. The flare pit will be located downwind of the prevailing wind direction on the North side of the location, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled pit topsoil will be stored separate from the location topsoil at Corner #6. The stockpiled location topsoil will be stored on the West and East ends. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture for this location and then walked down with a cat.

Access to the well pad will be from the East.

N/A Diversion ditch(es) shall be constructed on the _____ side of the location (above/below) the cut slope, draining to the _____.

N/A Soil compacted earthen berm(s) shall be placed on the _____ side(s) of the location between the _____.

N/A The drainage(s) shall be diverted around the sides of the well pad location.

N/A The reserve pit and/or pad locations shall be constructed long and narrow for topographic reasons _____.

X Corners #2 and #9 will be rounded off to minimize excavation.

FENCING REQUIREMENTS:

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is to be regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently mounted on concrete bases. Prior to a new road, crossing any fence located on Federal land, or any fence between Federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the

opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

10. PLANS FOR RESTORATION OF SURFACE

A. PRODUCING LOCATION

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

B. DRY HOLE/ABANDONED LOCATION

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriate surface rehabilitation conditions of approval.
time of abandonment.

11. SURFACE OWNERSHIP

Access road: Federal

Location: Federal

12. OTHER INFORMATION

A. The Operator will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds may be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval prior to the application of herbicides or other pesticides or possible hazardous chemicals.

B. The Operator will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the AO. Within five working days the AO will inform the operator as to:

-whether the materials appear eligible for the National Register of Historic Places;

-the mitigation measures the operator will likely have to undertake before the site can be used.

-a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

Additional Surface Stipulations

- X No construction or drilling activities shall be conducted during wet weather due to critical soil stipulations.
- N/A No surface occupancy will be allowed within 1,000 feet of any sage grouse strutting ground.
- N/A No construction or exploration activities are permitted within a 1.5 mile radius of sage grouse strutting grounds from April 1 to June 30.
- N/A There shall be no surface disturbance within 600 feet of live water (includes stock tanks, springs, and guzzlers).
- N/A No cottonwood trees will be removed or damaged.
- N/A Pond will be constructed according to BLM specifications approximately _____ feet _____ of the location, as flagged on the onsite.

LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION

| <u>OPERATIONS</u> | | <u>PERMITTING</u> |
|--------------------------|-------------------------|--------------------------|
| EOG Resources, Inc. | EOG Resources, Inc. | Ed Trotter |
| P.O. Box 250 | P.O. Box 1815 | P.O. Box 1910 |
| Big Piney, WY 83113 | Vernal, UT 84078 | Vernal, UT 84078 |
| Jim Schaefer | George McBride | Telephone: (435)789-4120 |
| Telephone (307)276-3331 | Telephone (435)789-0790 | Fax: (435)789-1420 |

All lease or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approval plan of operations, and any applicable Notice to Lessees. EOG Resources, Inc. is fully

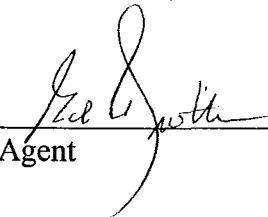
responsible for the actions of their subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

A copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

Certification

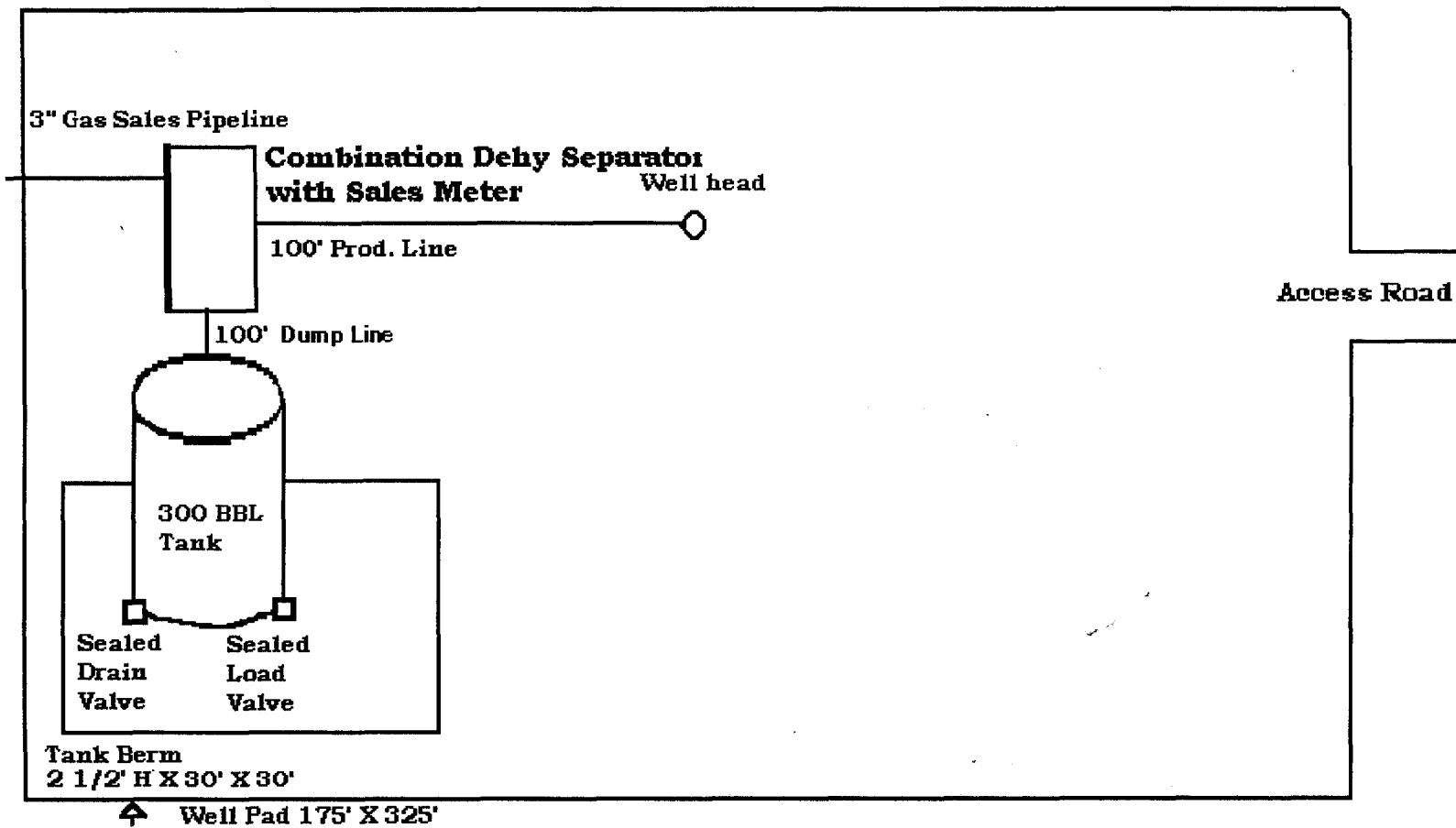
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions that presently exist; that the statements made in the Plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this Plan and the terms and conditions under which it is approved.

10-20-1999
Date


Agent

SITE FACILITY DIAGRAM
WILD HORSE FEDERAL 105-34
SEC. 34, T10S, R19E, NW/4NE/4
UINTAH COUNTY, UTAH
FEDERAL LEASE NO. U-3405

(Site Security Plan is on file at Enron's Vernal Office)

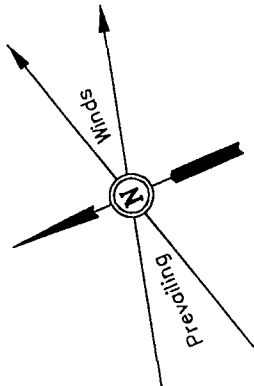


ENRON OIL & GAS CO.

LOCATION LAYOUT FOR

WILD HORSE FEDERAL #105-34
SECTION 34, T10S, R19E, S.L.B.&M.

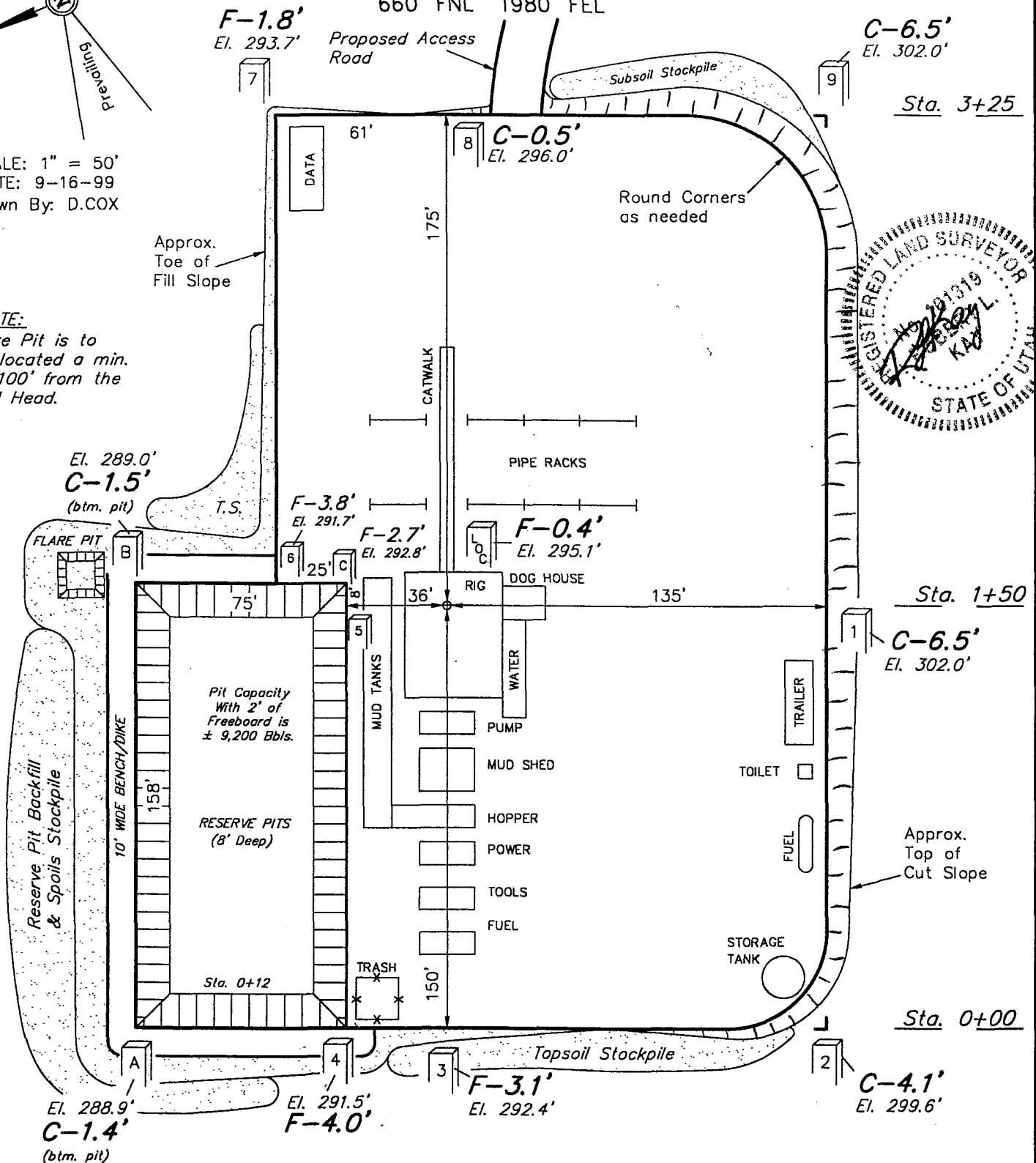
660' FNL 1980' FEL



SCALE: 1" = 50'
DATE: 9-16-99
Drawn By: D.COX

NOTE:

Flare Pit is to be located a min. of 100' from the Well Head.



Elev. Ungraded Ground at Location Stake = 5295.1'

Elev. Graded Ground at Location Stake = 5295.5'

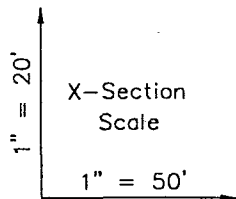
UINTAH ENGINEERING & LAND SURVEYING

85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

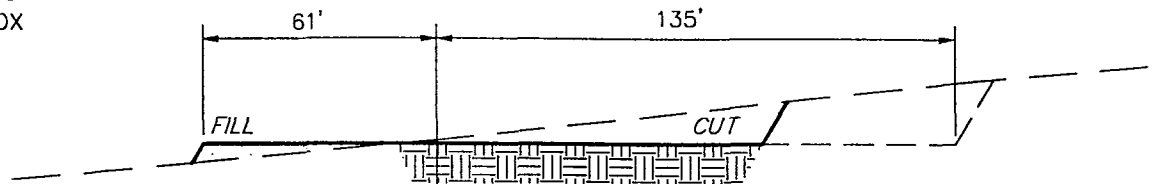
ENRON OIL & GAS CO.

TYPICAL CROSS SECTIONS FOR

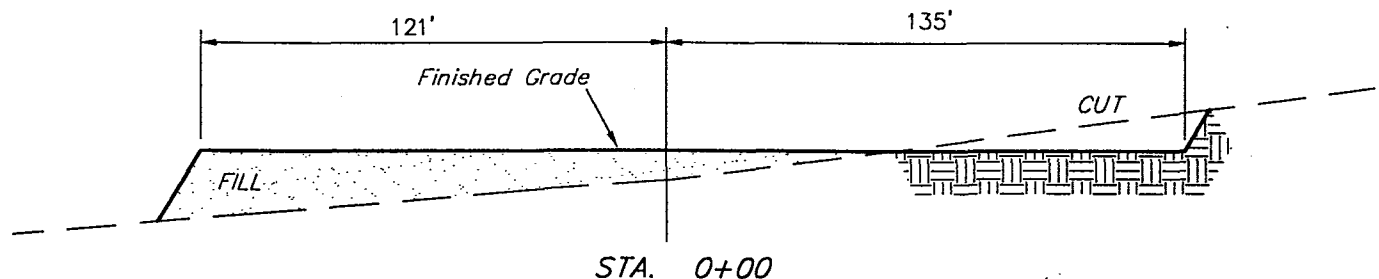
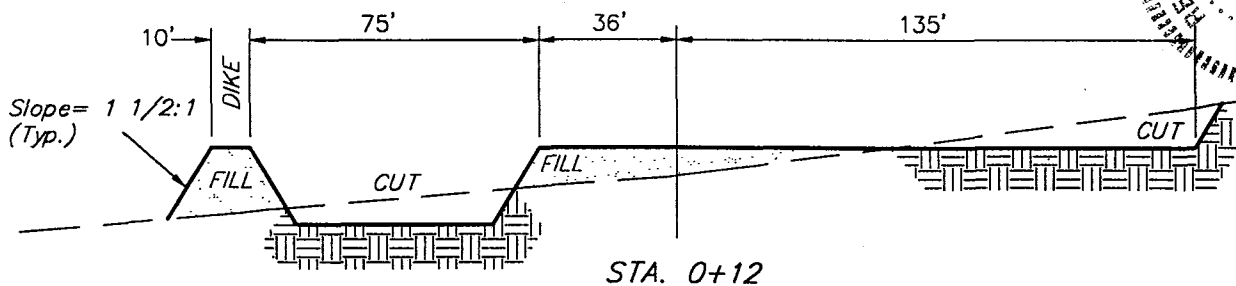
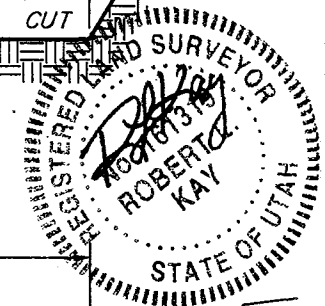
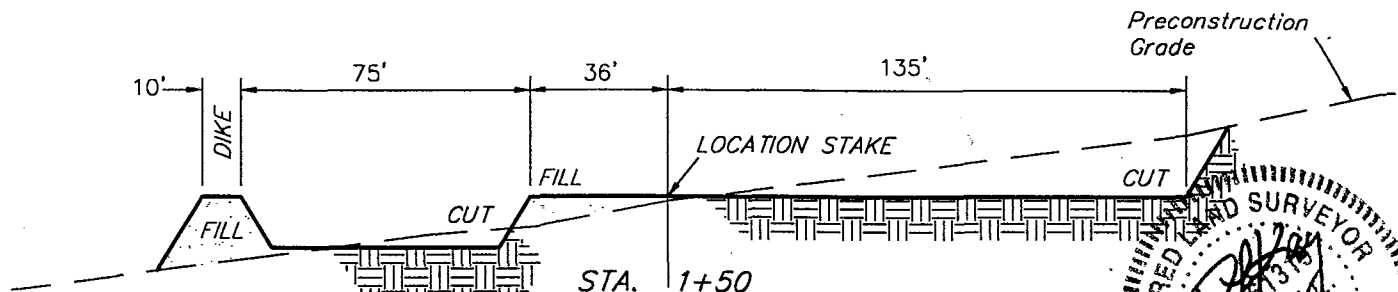
WILD HORSE FEDERAL #105-34
SECTION 34, T10S, R19E, S.L.B.&M.
660' FNL 1980' FEL



DATE: 9-16-99
Drawn By: D.COX



STA. 3+25

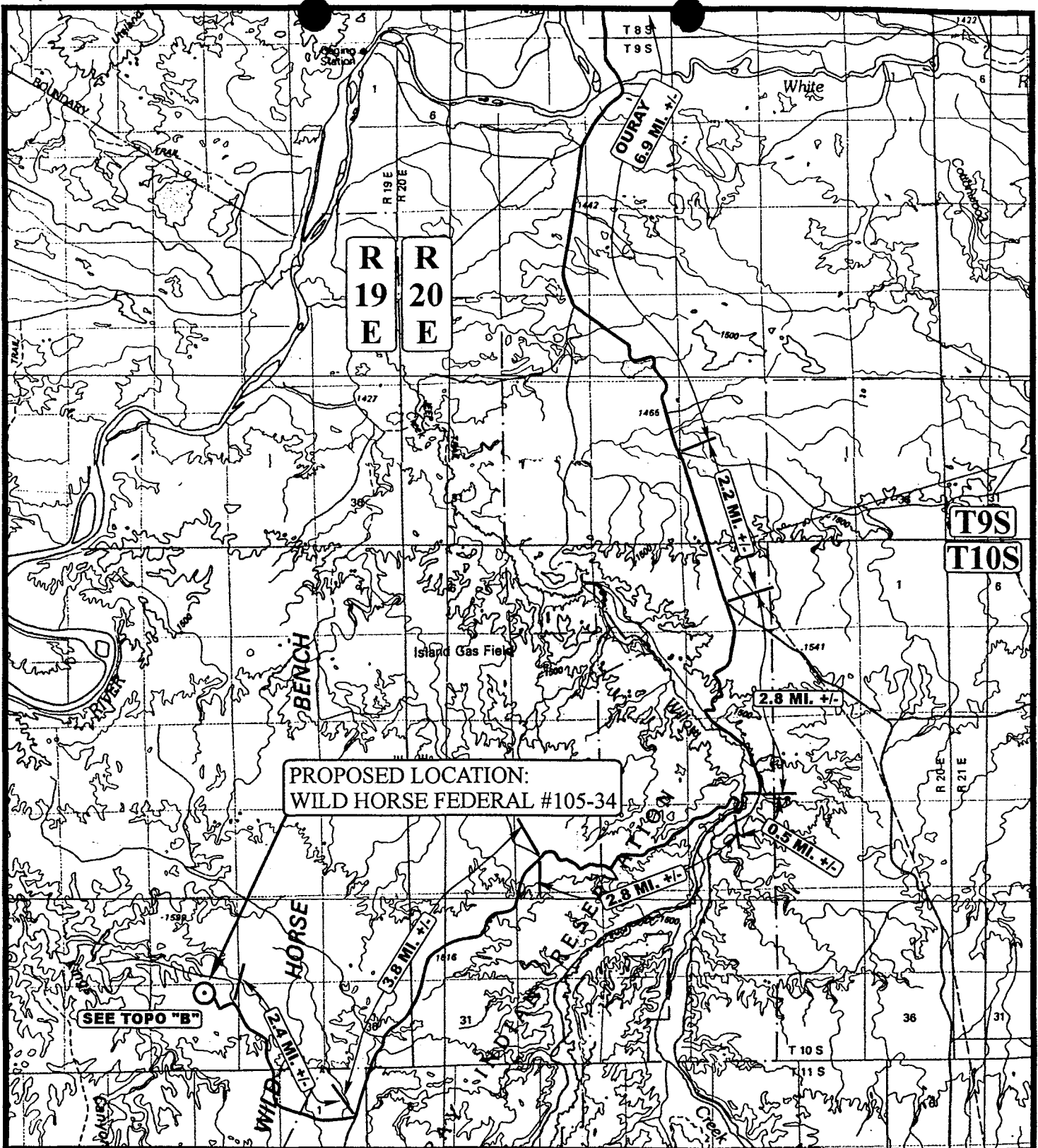


APPROXIMATE YARDAGES

| | |
|------------------------|------------------------|
| (6") Topsoil Stripping | = 1,330 Cu. Yds. |
| Remaining Location | = 4,750 Cu. Yds. |
| TOTAL CUT | = 6,080 CU.YDS. |
| FILL | = 3,210 CU.YDS. |

| | |
|---|------------------|
| EXCESS MATERIAL AFTER 5% COMPACTION | = 2,700 Cu. Yds. |
| Topsoil & Pit Backfill (1/2 Pit Vol.) | = 2,700 Cu. Yds. |
| EXCESS UNBALANCE (After Rehabilitation) | = 0 Cu. Yds. |

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017



LEGEND:

○ PROPOSED LOCATION

ENRON OIL & GAS CO.

WILD HORSE FEDERAL #105-34
SECTION 34, T10S, R19E, S.L.B.&M.
660' FNL 1980' FEL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

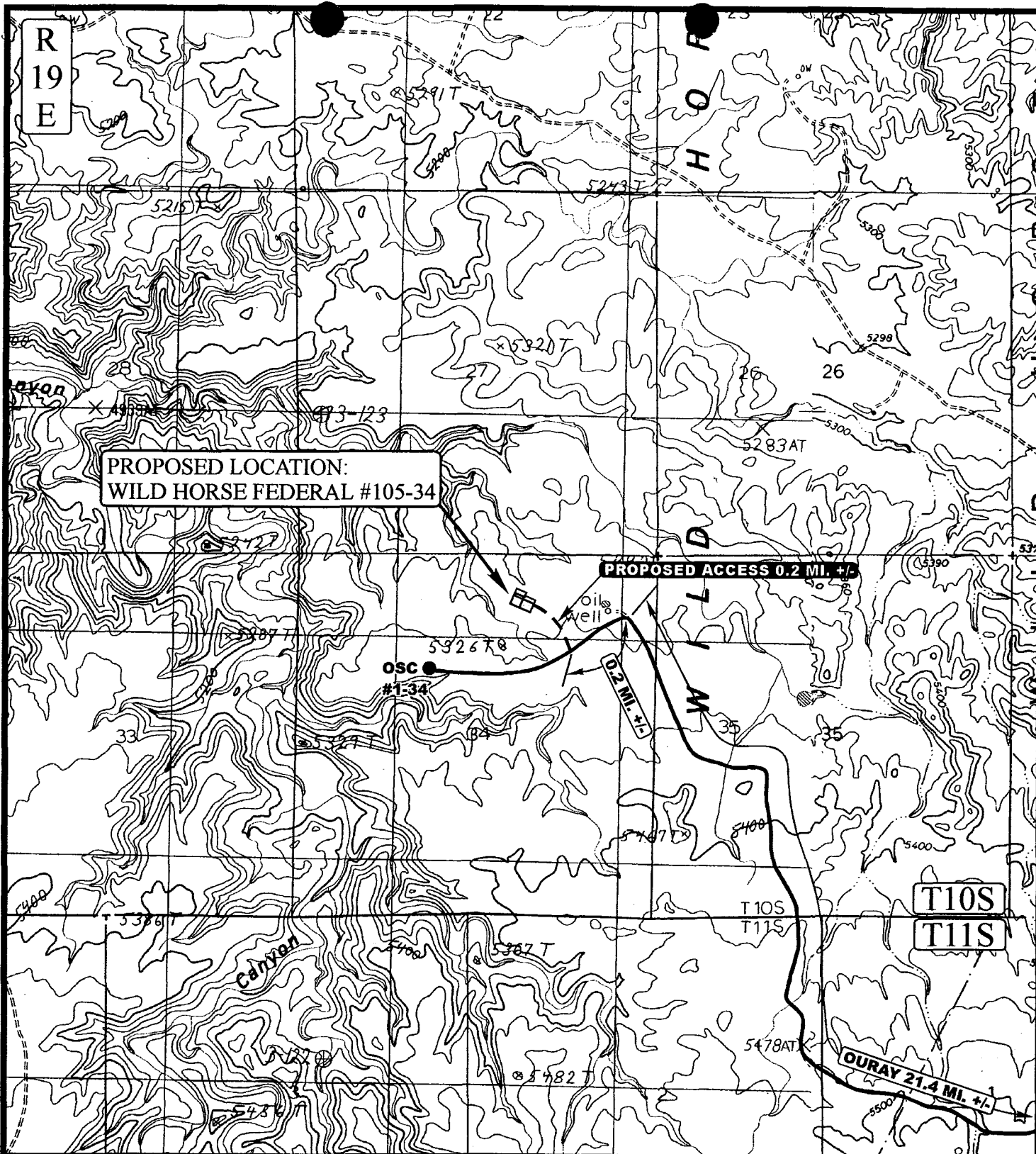


TOPOGRAPHIC
MAP

9 13 99
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: J.L.G. REVISED: 00-00-00





PROPOSED LOCATION:
WILD HORSE FEDERAL #105-34

PROPOSED ACCESS 0.2 MI. +/-

OSC
#1-34

0.2 MI. +/-

T10S
T11S

T10S
T11S

OURAY 21.4 MI. +/-

LEGEND:

----- PROPOSED ACCESS ROAD
————— EXISTING ROAD

ENRON OIL & GAS CO.

WILD HORSE FEDERAL #105-34
SECTION 34, T10S, R19E, S.L.B.&M.
660' FNL 1980' FEL

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E
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Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

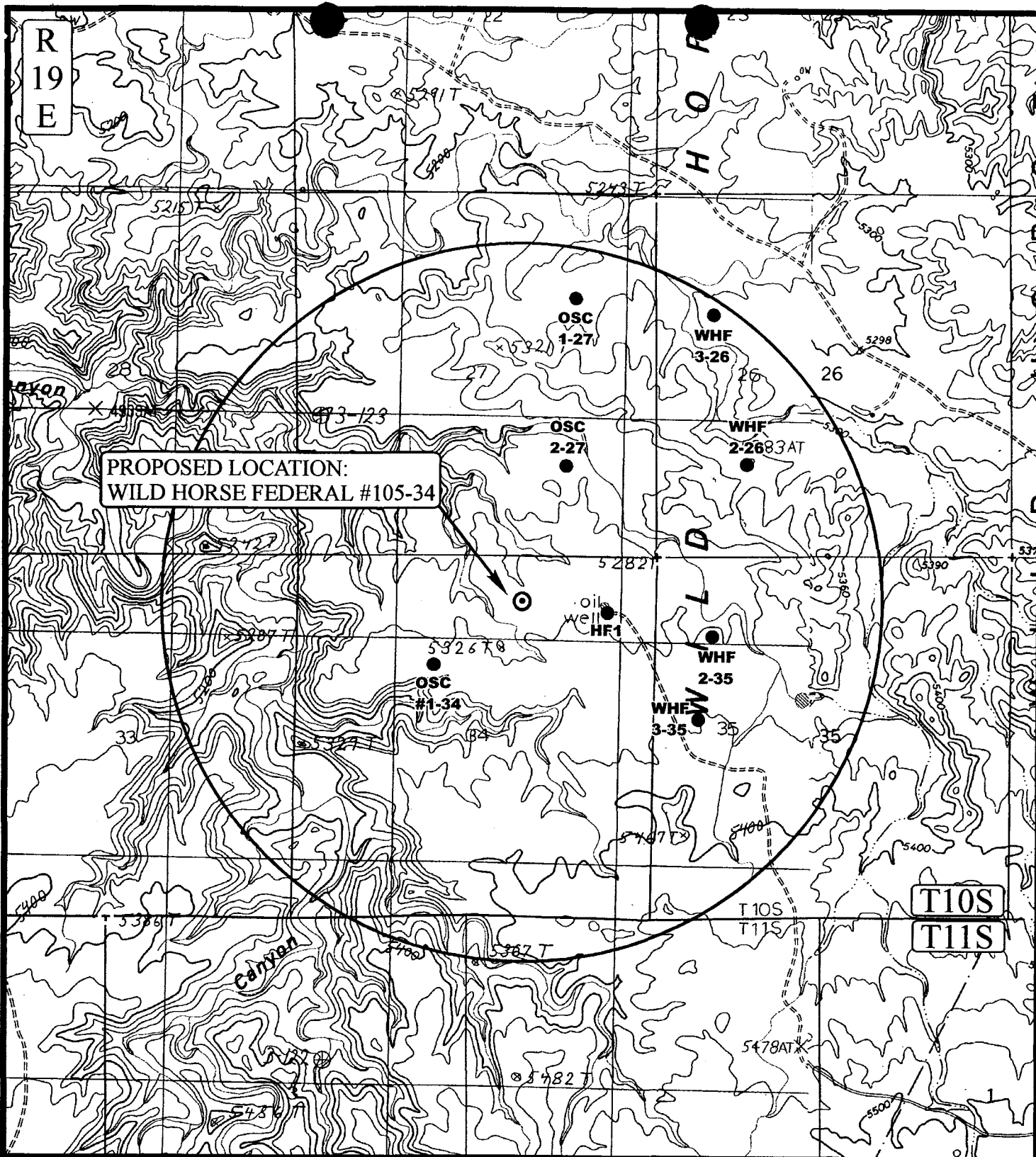


TOPOGRAPHIC
MAP

9 13 99
MONTH DAY YEAR

B
TOPO

SCALE: 1" = 2000' DRAWN BY: J.L.G. REVISED: 00-00-00



PROPOSED LOCATION:
WILD HORSE FEDERAL #105-34

LEGEND:

- Ø DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

ENRON OIL & GAS CO.

WILD HORSE FEDERAL #105-34
SECTION 34, T10S, R19E, S.L.B.&M.
660' FNL 1980' FEL

U
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I
S

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

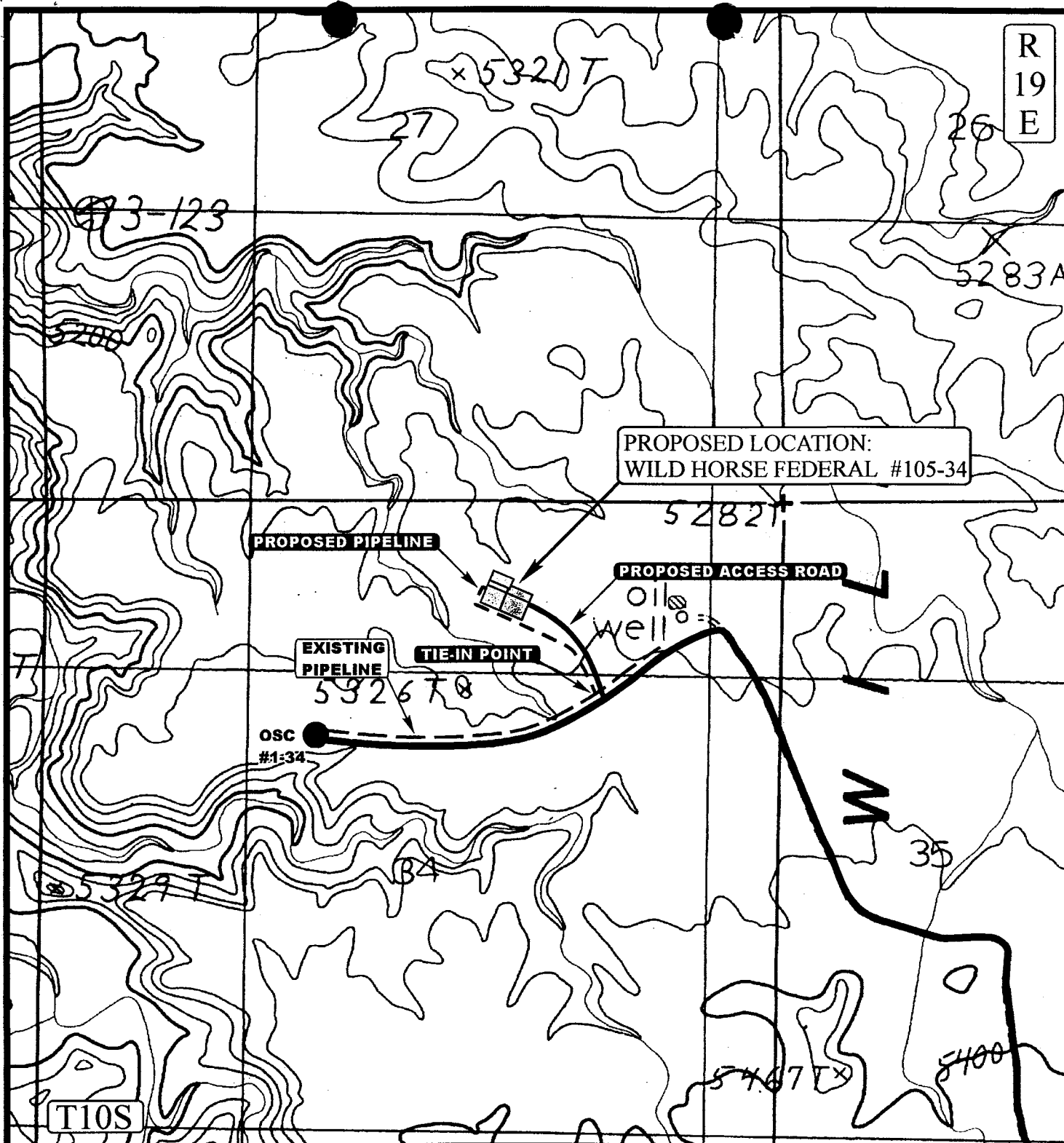


TOPOGRAPHIC
MAP

9 13 99
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: J.L.G. REVISED: 00-00-00

C
TOPO



APPROXIMATE TOTAL PIPELINE DISTANCE = 1512' +/-

LEGEND:

- — — — — EXISTING PIPELINE
- - - - - PROPOSED PIPELINE
- — — — — PROPOSED ACCESS



ENRON OIL & GAS CO.

WILD HORSE FEDERAL #105-34
SECTION 34, T10S, R19E, S.L.B.&M.
660' FNL 1980' FEL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

9 13 99
MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: J.L.G. REVISED: 00-00-00

D
TOPO

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/05/1999

API NO. ASSIGNED: 43-047-33419

WELL NAME: WILD HORSE FED 105-34
OPERATOR: EOG RESOURCES INC (N9550)
CONTACT: Ed Trotter (435) 789-4120

PROPOSED LOCATION:
NWNE 34 - T10S - R19E
SURFACE: 0660-FNL-1980-FEL
BOTTOM: 0660-FNL-1980-FEL
UINTAH COUNTY
NATURAL BUTTES FIELD (630)

LEASE TYPE: FED
LEASE NUMBER: U-3405
SURFACE OWNER: Federal

INSPECT LOCATN BY: / /

| TECH REVIEW | Initials | Date |
|-------------|----------|------|
| Engineering | | |
| Geology | | |
| Surface | | |

PROPOSED FORMATION: WSTC

RECEIVED AND/OR REVIEWED:

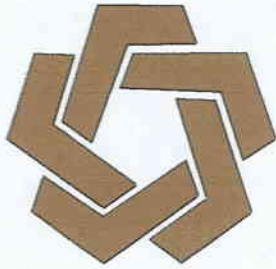
☒ Plat
☒ Bond: Fed ☒ Ind ☐ Sta ☐ Fee
(No. Nm 2308)
☒ Potash (Y/N)
☒ Oil Shale (Y/N) *190-5(B)
☒ Water Permit
(No. Surety Brine Plant & 49-1501)
☒ RDCC Review (Y/N)
(Date:)
N/A Fee Surf Agreement (Y/N)

LOCATION AND SITING:

☐ R649-2-3. Unit
☒ R649-3-2. General
Siting:
☐ R649-3-3. Exception
☐ Drilling Unit
Board Cause No:
Eff Date:
Siting:
☐ R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS: ① FEDERAL APPROVAL



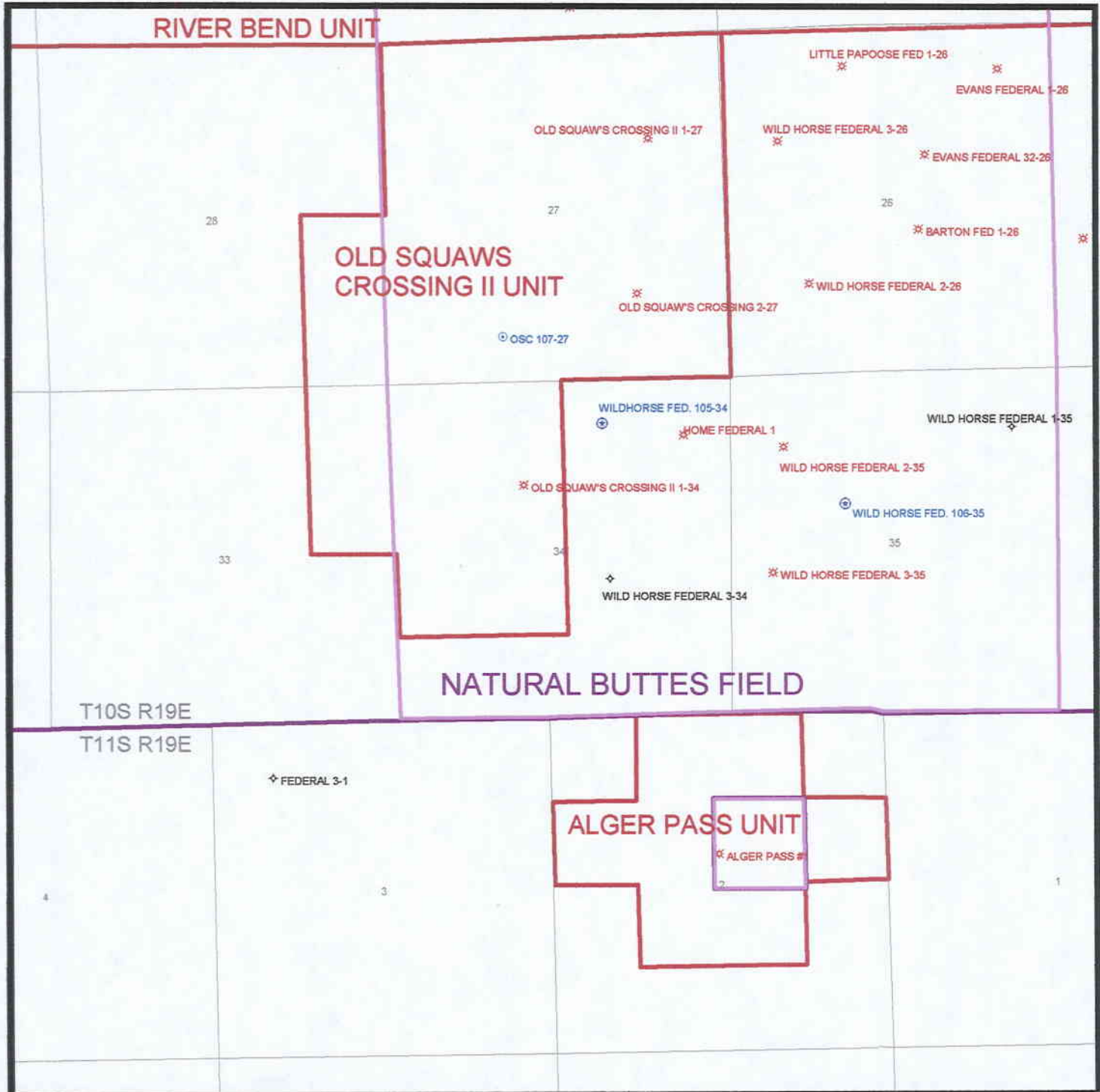
Division of Oil, Gas & Mining

OPERATOR: EOG RESOURCES (N9550)

FIELD: NATURAL BUTTES (630)

SEC. 34 & 35, TWP 10 S, RNG 19 E

COUNTY: UINTAH NO CAUSE NO UNIT



PREPARED
DATE: 8-NOV-1999



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

November 10, 1999

EOG Resources, Inc.
P.O. Box 1815
Vernal, Utah 84078

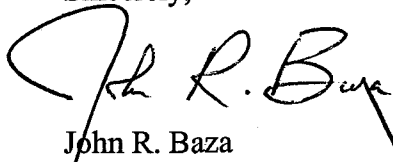
Re: Wild Horse Fed. 105-34 Well, 660' FNL, 1980' FEL, NW NE, Sec. 34, T. 10 S., R. 19 E.,
Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-33419.

Sincerely,



John R. Baza
Associate Director

lwp

Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal District Office

Operator: EOG Resources, Inc.

Well Name & Number: Wild Horse Fed. 105-34

API Number: 43-047-33419

Lease: Federal **Surface Owner:** Federal

Location: NW NE **Sec.** 34 **T.** 10 S. **R.** 19 E.

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well. Contact Carol Daniels at (801)538-5284.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Dan Jarvis at (801) 538-5338 or Robert Krueger at (801) 538-5274.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval which must be obtained prior to drilling.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

EOG RESOURCES, INC.

CONFIDENTIAL

3. ADDRESS AND TELEPHONE NO.

P.O. BOX 1815, VERNAL, UTAH 84078 (435)789-0790

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

660' FNL & 1980' FEL NW/NE

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

21.8 MILES SOUTHEAST OF OURAY, UTAH

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT. 660'

(Also to nearest drlg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE

1600

19. PROPOSED DEPTH

5975'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

20. ROTARY OR CABLE TOOLS

ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5296 FEET GRADED GROUND

22. APPROX. DATE WORK WILL START*

NOVEMBER 1999

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | GRADE SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------------|-----------------|---------------|--|
| 11" | 8 5/8" | 24# | 200-220' | 100-150 SX CLASS "G" + 2% |
| or 12 1/4" | 9 5/8" | 32.30# | 200-220' | CaCl ₂ + 1/4 #/SX CELLOFLAKE. |
| 7 7/8" | 4 1/2" | 10.50# | 5975' | 50/50 POZMIX + 2% GEL + 10% SALT TO 400' ABOVE ALL ZONES OF INTEREST (+10% EXCESS). LIGHT CEMENT (11 PPG+) + LCM TO 200' ABOVE OIL SHALE OR FRESH WATER INTERVALS (+ 5% EXCESS). |

SEE ATTACHMENTS FOR:

8 POINT PLAN
BOP SCHEMATIC
SURFACE USE AND OPERATING PLAN
LOCATION PLAT
LOCATION LAYOUT
TOPOGRAPHIC MAPS "A", "B", AND "C"
GAS SALES PIPELINE--MAP "D"
FACILITY DIAGRAM**RECEIVED****DEC 17 1999**

DIVISION OF OIL, GAS & MINING

EOG RESOURCES, INC., WILL BE THE
DESIGNATED OPERATOR OF THE SUBJECT
WELL UNDER NATIONWIDE BOND #NM 2308.

pc: UTAH DIVISION OF OIL, GAS, AND MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE AGENT

DATE

10-20-1999

(This space for Federal or State office use)

PERMIT OF APPROVAL
NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

TITLE

Assistant Field Manager
Mineral Resources

DATE

12-16-99

*See Instructions On Reverse Side

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Enron Oil And Gas Company

Well Name & Number: Wild Horse Fed. 105-34

API Number: 43-047-33419

Lease Number: U-3405

Location: NWNE Sec. 34 T. 10S R. 19 E

NOTIFICATION REQUIREMENTS

- | | |
|-----------------------------------|---|
| Location Construction - | at least forty-eight (48) hours prior to construction of location and access roads. |
| Location Completion - | prior to moving on the drilling rig. |
| Spud Notice - | at least twenty-four (24) hours prior to spudding the well. |
| Casing String and Cementing - | at least twenty-four (24) hours prior to running casing and cementing all casing strings. |
| BOP and Related Equipment Tests - | at least twenty-four (24) hours prior to initiating pressure tests. |
| First Production Notice - | within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days. |

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative by the operator to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report **ALL** water shows and water-bearing sands to Tim Ingwell of this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a **3M** system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Casing Program and Auxiliary Equipment

Surface casing will be set **relative to ground level** and shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

If conductor pipe is set it will be cemented to surface. If drive pipe is used it will be pulled prior to cementing surface casing.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the Mahogany Oil Shale zone identified at ± 1661 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

The Gamma Ray and Induction Logs need to be pulled from TD to the Surface Shoe.

A cement bond log (CBL) will be run from the production casing shoe to ± 1461 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. **One** copy of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours **prior** to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b. 4).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted following initial installation and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All

wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approval or notification is necessary, please contact one of the following individuals:

| | |
|-------------------------------------|----------------|
| Wayne Bankert Petroleum Engineer | (435) 789-4170 |
|-------------------------------------|----------------|

| | |
|----------------------------------|----------------|
| Ed Forsman Petroleum Engineer | (435) 789-7077 |
|----------------------------------|----------------|

| | |
|-------------------------------------|----------------|
| Jerry Kenczka Petroleum Engineer | (435) 781-1190 |
|-------------------------------------|----------------|

| | |
|-----------------|----------------|
| BLM FAX Machine | (435) 781-4410 |
|-----------------|----------------|

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

SURFACE USE PROGRAM
Conditions of Approval (COAs)

- The road shall be crowned at between 2 to 3 %.
- When plowing snow during the winter months, the snow shall be plowed outside of the borrow ditches to prevent the snow melt from saturating the road during the spring.
- Topsoil will be windrowed along the east and west ends of the location. **Topsoil is not to be used for dike construction or any other uses over the life of the well.**
- Since Enron is now hauling in all their dike material, it will not be necessary to leave a subsoil pile.
- Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without BLM authorization.
- No construction or drilling will be allowed during the burrowing owl nesting season from April 1 to July 15.**

DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

SPUDDING INFORMATION

Name of Company: EOG RESOURCES INC

Well Name: WILD HORSE FED 105-34

Api No. 43-047-33419 Lease Type: FEDERAL

Section 34 Township 10S Range 19E County UINTAH

Drilling Contractor BILL MARTIN RIG # AIR

SPUDDED:

Date 01/17/2000

Time 1:00 PM

How DRY

Drilling will commence _____

Reported by ED TROTTER

Telephone # 1-435-789-4120

Date 01/18/2000 Signed: CHD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires September 30, 1990

SUNDRY NOTICE AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT --" for such proposals

SUBMIT IN TRIPLICATE

| | |
|-----|---|
| 5. | Lease Designation and Serial No. U 3405 |
| 6. | If Indian, Allottee or Tribe Name |
| 7. | If Unit or C.A., Agreement Designation |
| 8. | Well Name and No. WILD HORSE FEDERAL 105-34 |
| 9. | API Well No. 43-047-33419 |
| 10. | Field and Pool or Exploratory Area OLD SQUAWS CROSSING/WASATCH |
| 11. | County State UINTAH, UTAH |

1. Type of Well

☐ Oil WELL ☒ Gas Well ☐ Other

CONFIDENTIAL

2. Name of Operator

EOG Resources, Inc.

3. Address and Telephone No.

P.O. BOX 250, BIG PINEY, WY 83113 (307) 276-3331

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**660' FNL - 1980' FEL (NW/NE)
SECTION 34, T10S, R19E**

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ NOTICE OF INTENT
☐ SUBSEQUENT REPORT
☐ FINAL ABANDONMENT NOTICE

TYPE OF ACTION

☐ ABANDONMENT
☐ RECOMPLETION
☐ PLUGGING BACK
☐ CASING REPAIR
☐ ALTERING CASING
☒ OTHER

☐ CHANGE OF PLANS
☐ NEW CONSTRUCTION
☐ NON-ROUTINE FRACTURING
☐ WATER SHUT-OFF
☐ CONVERSION TO INJECTION

SPUD DATE

(Note: Report results of multiple completion on Well Completions
or Recompletion Report and Log Form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details and give pertinent dates, including estimated date of starting any proposed work if well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

EOG Resources, Inc. 11" surface hole at the subject location 1/17/2000. The contractor was Bill Martin Drilling. Ed Forsman of the Vernal BLM District office and Carol Daniels of the Utah Division of Oil, Gas & Mining were notified of spud 1/17/2000.

RECEIVED

FEB 03 2000

**DIVISION OF
OIL, GAS AND MINING**

***NOTE: Enron will be using Nationwide Bond #NM 2308**

14. I hereby certify that the foregoing is true and correct

SIGNED

Raty Carlson

TITLE

Regulatory Analyst

DATE

1/28/2000

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

(3/89)

STATE OF UTAH
DIVISION OF OIL, GAS AND MININGOPERATOR: EOG Resources, Inc.
ADDRESS: P.O. BOX 250
BIG PINEY, WYOMING 83113

OPERATOR ACCT. NO. N 9550

ENTITY ACTION FORM - FORM 6

| ACTION CODE | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER | WELL NAME | LOCATION | | | | COUNTY | SPUD DATE | EFFECTIVE DATE |
|--------------------------------------|-----------------------|-------------------|---------------|-----------------------|----------|------|-----|-----|--------|--------------|-------------------|
| | | | | | QQ | SEC. | TP | RG | | | |
| A | 599999 | 12686 | 43-047-33435 | N. DUCK CREEK 103-27 | SWNW | 27 | 8S | 21E | UINTAH | 12/19/99 | |
| 1 COMMENTS: 000215 entity added. KDR | | | | | | | | | | | CONFIDENTIAL |
| A | 599999 | 12687 | 43-047-33418 | N. DUCK CREEK 104-30 | SESW | 30 | 8S | 21E | UINTAH | 01/19/00 | |
| 2 COMMENTS: 000215 entity added. KDR | | | | | | | | | | | CONFIDENTIAL |
| A | 599999 | 12688 | 43-047-33420 | WILDHORSE FED. 106-35 | SENW | 35 | 10S | 19E | UINTAH | 01/14/00 | |
| 3 COMMENTS: 000215 entity added. KDR | | | | | | | | | | | CONFIDENTIAL |
| A | 599999 | 12689 | 43-047-33419 | WILDHORSE FED 105-34 | NWNE | 34 | 10S | 19E | UINTAH | 01/17/00 | |
| 4 COMMENTS: 000215 entity added. KDR | | | | | | | | | | | CONFIDENTIAL |
| 5 COMMENTS: | | | | | | | | | | | |

ACTIONS CODES (See Instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

Katy Carlson
 Signature
 Regulatory Analyst
 Title

2/15/2000
 Date

T-107 P.02/02 F-080

3072763335

Apr-14-00 08:50am From:EOG - BIG PINEY, WY.

(3/89)

STATE OF UTAH
DIVISION OF OIL, GAS AND MININGOPERATOR: EOG Resources, Inc.
ADDRESS: P.O. BOX 250
BIG PINEY, WYOMING 83113

OPERATOR ACCT. NO. N 9550

ENTITY ACTION FORM - FORM 6

| ACTION CODE | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER | WELL NAME | LOCATION | | | | COUNTY | SPUD DATE | EFFECTIVE DATE |
|----------------------------------|-----------------------|-------------------|---------------|------------------------|----------|------|-----|-----|--------|--------------|-------------------|
| | | | | | QQ | SEC. | TP | RG | | | |
| A | 599999 | 12688 | 43-047-33420 | WILD HORSE FED. 106-35 | SE/NW | 35 | 10S | 19E | UINTAH | 01/14/00 | |
| 1 COMMENTS: 000215 Entity Added. | | | | | | | | | | | |
| CONFIDENTIAL | | | | | | | | | | | |
| 2 COMMENTS: | | | | | | | | | | | |
| 3 COMMENTS: | | | | | | | | | | | |
| 4 COMMENTS: | | | | | | | | | | | |
| 5 COMMENTS: | | | | | | | | | | | |

ACTIONS CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

Katy Carlson
 Signature
 Regulatory Analyst
 Title

4/14/2000
 Date

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

OPERATOR: EOG Resources, Inc.
ADDRESS: P.O. BOX 250
BIG PINEY, WYOMING 83113

OPERATOR ACCT. NO. N 9550
FAX: JIM THOMPSON
(801) 359-3940

ENTITY ACTION FORM - FORM 6

| ACTION CODE | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER | WELL NAME | LOCATION | | | | COUNTY | SPUD DATE | EFFECTIVE DATE |
|--|--------------------|----------------|--------------|----------------------------|----------|------|-----|-----|--------|-----------|----------------|
| | | | | | QQ | SEC. | TP | RG | | | |
| A | 99999 | 12713 | 43-047-33506 | NORTH DUCK CREEK 120-28 | NW/NE | 28 | 8S | 21E | UINTAH | 03/28/00 | |
| CONFIDENTIAL 000414 entity added | | | | | | | | | | | |
| A | 99999 | 12714 | 43-047-33507 | NORTH DUCK CREEK 122-31 | NW/NE | 31 | 8S | 21E | UINTAH | 3/28/2000 | |
| CONFIDENTIAL 000414 entity added. | | | | | | | | | | | |
| B | 99999 | 10687 | 43-047-33463 | OLD SQUAWS CROSSING 108-27 | NE/NE | 27 | 10S | 19E | UINTAH | 03/17/00 | |
| CONFIDENTIAL 000414 entity added. (WSTC) Old Squaws Unit | | | | | | | | | | | |
| A | 99999 | 12689 | 43-047-33419 | WILD HORSE FED. 105-34 | NW/NE | 34 | 10S | 19E | UINTAH | 01/17/00 | |
| CONFIDENTIAL 000215 entity added. | | | | | | | | | | | |

ACTIONS CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

Kate Carlson
Signature
Regulatory Analyst
Title
4/14/2000
Date
Phone No. (307) 276-3331

T-107 P. 01/02 F-980

3072763335

From EOG - BIG PINEY, WY.

Apr-14-00 08:50am

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Bureau No. 1004-0135
Expires September 30, 1990

SUNDRY NOTICE AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT --" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

CONFIDENTIAL

2. Name of Operator

EOG Resources, Inc.

3. Address and Telephone No.

P.O. BOX 250, BIG PINEY, WY 83113 (307) 276-3331

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**660' FNL - 1980' FEL (NW/NE)
SECTION 34, T10S, R19E**

5. Lease Designation and Serial No.

U 3405

6. If Indian, Allottee or Tribe Name

7. If Unit or C.A., Agreement Designation

8. Well Name and No.

WILD HORSE FEDERAL 105-34

9. API Well No.

43-047-33419

10. Field and Pool or Exploratory Area

OLD SQUAWS CROSSING/WASATCH

11. County State

UINTAH, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | |
|--|---|---|
| <input checked="" type="checkbox"/> NOTICE OF INTENT | <input type="checkbox"/> ABANDONMENT | <input type="checkbox"/> CHANGE OF PLANS |
| <input type="checkbox"/> SUBSEQUENT REPORT | <input type="checkbox"/> RECOMPLETION | <input type="checkbox"/> NEW CONSTRUCTION |
| <input type="checkbox"/> FINAL ABANDONMENT NOTICE | <input type="checkbox"/> PLUGGING BACK | <input type="checkbox"/> NON-ROUTINE FRACTURING |
| | <input type="checkbox"/> CASING REPAIR | <input type="checkbox"/> WATER SHUT-OFF |
| | <input type="checkbox"/> ALTERING CASING | <input type="checkbox"/> CONVERSION TO INJECTION |
| | <input checked="" type="checkbox"/> OTHER | <input type="checkbox"/> DISPOSAL OF PRODUCED WATER |

(Note: Report results of multiple completion on Well Completions or Recompletion Report and Log Form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details and give pertinent dates, including estimated date of starting any proposed work if well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

EOG Resources, Inc. requests authorization for disposal of produced water from the referenced well to any of the following locations:

1. Ace Disposal
2. Enron Oil & Gas Company drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit)
3. Water will be contained in tanks on location until moved to one of the above facilities.

RECEIVED

JUN 29 2000

**DIVISION OF
OIL, GAS AND MINING**

***NOTE: Enron will be using Nationwide Bond #NM 2308**

14. I hereby certify that the foregoing is true and correct

SIGNED Katy Carlson TITLE Regulatory Analyst DATE 6/25/2000

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

CONFIDENTIAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL:

OIL WELL ☐

GAS WELL ☒

DRY ☐

b. TYPE OF COMPLETION:

NEW WELL ☒

WORK OVER ☐

DEEPEN ☐

PLUG BACK ☐

DIFF.RES. ☐

2. NAME OF OPERATOR

EOG Resources, Inc.

3. ADDRESS OF OPERATOR

P.O. BOX 250 BIG PINEY, WYOMING 83113

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

660' FNL - 1980' FEL (NW/NE)

At top prod. interval reported below

SAME

At total depth

SAME

15. DATE SPOOLED

1/17/2000

16. DATE T.D. REACHED

3/15/2000

17. DATE COMPL. (Ready to prod.)

4/24/2000

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

5311' KB

19. ELEV. CASINGHEAD

5296' PREP. GL.

20. TOTAL DEPTH, MD & TVD

6200'

21. PLUG, BACK T.D., MD & TVD

5869'

22. IF MULTIPLE COMPLETIONS, HOW MANY?

1

23. ROTARY TOOLS

ROTARY

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*

WASATCH

5511-5708'

25. WAS DIRECTIONAL SURVEY MADE?

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

Azimuthal Laterolog w/Linear Correlation, GR, Platform Express Litho-Density, Compensated Neutron, Platform Express Log Quality Control & Cement Bond Log GR & Collars

03-22-00 CBL 4-18-00

27. WAS WELL CORED?

NO

28.

CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|---------------------------------------|---------------|
| 8-5/8" | 24.0# J-55 | 235' | 12-1/4" | 100 sx Class "G" cement. | NONE |
| 4-1/2" | 10.5# J-55 | 5884' | 7-7/8" | 600 sx Hi-Lift & 300 sx 50/50 Pozmix. | NONE |
| | | | | | |
| | | | | | |

29.

LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT | SCREEN (MD) |
|------|----------|-------------|--------------|-------------|
| | | | | |
| | | | | |
| | | | | |

30.

TUBING RECORD

| SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|--------|----------------|-----------------|
| 2-3/8" | 5739' | |
| | | |
| | | |

31. PERFORATION RECORD (Interval, size and number)

Wasatch C-13 5706-08' w/3 SPF
C-11 5511-15', 5519-21', 5331-33' & w/3 SPF
5544-47'

32. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|---|
| 5511-5708' | 22,058 gals gelled water & 115,000# 20/40 sand. |
| | |
| | |
| | |
| | |

33.*

PRODUCTION

| | | | | | | | |
|--|-----------------|--|------------|-------------------|---------|------------------------------------|-------------------------|
| DATE FIRST PRODUCTION | | PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) | | | | WELL STATUS (Producing or shut-in) | |
| 4/24/2000 | | FLOWING-WELL WAS SHUT DUE TO HIGH LINE PRESSURE. WAITED A NEW COMPRESSOR | | | | PRODUCING | |
| DATE OF TEST | HOURS TESTED | CHOKE SIZE | PROD'D FOR | OIL-BBL | GAS-MCF | WATER-BBL | GAS-OIL RATIO |
| 6/25/2000 | 24 | 16/64" | | 0 BC | 68 MCFD | 35 BW | |
| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED | | OIL-BBL | GAS-MCF | WATER-BBL | OIL GRAVITY-API (CORR.) |
| FTP 320 psig | CP 1000 psig | | | 0 BC | 68 MCFD | 35 BW | |
| 14 DISPOSITION OF GAS (Sold used for fuel, vented, etc.) | | | | TEST WITNESSED BY | | | |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

SOLD

TEST WITNESSED BY

JAY ORR

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined by all well records

SIGNED

Doty Carls

TITLE

Regulatory Analyst

DATE

6/25/2000

*(See Instructions on Space 2000 Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within

DIVISION OF
OIL, GAS AND MINING

JAITV3017400

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: ent: Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

PRIVACY ACT

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et. seq., 25 U.S.C. et. seq., 43 CFR 31.60

PRINCIPLE PURPOSE: The information is to be used to evaluate the actual operations performed in the drilling of an oil or gas well on a Federal or Indian lease.

ROUTINE USES: (1) Evaluate the equipment and procedures used during the drilling of the well. (2) The review of geologic zones and formation encountered during drilling. (3) Analyze future applications to drill in light of data obtained and methods used. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION: Filing of this report and disclosure of its information is mandatory once an oil or gas well is drilled.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501, et. seq.) requires us to inform you that:

This information is being collected to allow evaluation of the technical, safety, and environmental factors involved with drilling and producing oil and gas on Federal and Indian oil and gas leases.

This information will be used to analyze operations and compare equipment and procedures actually used with the proposals applied for.

Response to this request is mandatory once an oil or gas well is drilled.

SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

| FORMATION | | | | 38. GEOLOGIC MARKERS | | |
|-----------------------------|--|--|--|----------------------|--|--|
| TOP | | | | TOP | | |
| BOTTOM | | | | NAME | | |
| DESCRIPTION, CONTENTS, ETC. | | | | MEAS. DEPTH | | |
| | | | | TRUE VERT. DEPTH | | |
| | | | | Green River | | |
| | | | | Base "M" Marker | | |
| | | | | "N" Ls | | |
| | | | | Wasatch | | |
| | | | | Peter's Point | | |
| | | | | P-6 | | |
| | | | | P-8 | | |
| | | | | Chapita Wells | | |
| | | | | C=11 | | |
| | | | | C-13 | | |
| | | | | Buck Canyon | | |

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

10/1/2011

FROM: (Old Operator):
N9550-EOG Resources, Inc.
1060 E Highway 40
Vernal, UT 84078

Phone: 1 (435) 781-9145

TO: (New Operator):
N3755-Koch Exploration Company, LLC.
9777 Pyramid Court, Suite 210
Englewood, CO 80112

Phone: 1 (303) 325-2561

CA No.

Unit:

| WELL NAME | SEC | TWN | RNG | API NO | ENTITY NO | LEASE TYPE | WELL TYPE | WELL STATUS |
|------------------------------|-----|-----|-----|--------|-----------|------------|-----------|-------------|
| SEE ATTACHED LIST - 28 WELLS | | | | | | | | |

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 11/9/2011
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 11/9/2011
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/29/2011
- Is the new operator registered in the State of Utah: Business Number: 5078823-0161
- (R649-9-2) Waste Management Plan has been received on: Requested 12/19/2011
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 11/2/2011 BIA
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 10/24/2011
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: not yet
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 12/19/2011
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 12/19/2011
- Bond information entered in RBDMS on: n/a
- Fee/State wells attached to bond in RBDMS on: n/a
- Injection Projects to new operator in RBDMS on: n/a
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: COB000296
- Indian well(s) covered by Bond Number: n/a
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number n/a
- The **FORMER** operator has requested a release of liability from their bond on: n/a

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS: Five undrilled APDs are not being transferred at this time and may be rescinded in the future.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
Multiple Leases

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
EOG Resources, Inc

N9550

3a. Address
1060 EAST HIGHWAY 40, VERNAL, UT 84078

3b. Phone No. (include area code)
435-781-9145

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
See Attached

7. If Unit of CA/Agreement, Name and/or No.
Natural Buttes

8. Well Name and No.
Multiple Wells

9. API Well No.
See Attached

10. Field and Pool or Exploratory Area
Natural Buttes

11. Country or Parish, State
Uintah, Utah

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|--|---|---|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other <u>Change of Operator</u> |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

EOG Resources, Inc. has assigned all of its right, title and interest in the wells described in the attached list (the "Subject Wells") to Koch Exploration Company, LLC and will relinquish and transfer operatorship of all of the Subject Wells to Koch Exploration Company, LLC on October 1, 2011.

As of October 1, 2011, Koch Exploration Company, LLC will be considered to be the operator of each of the Subject Wells and will be responsible under the terms and conditions of the applicable lease for the operations conducted upon the leased lands. Bond coverage is provided under Koch Exploration Company, LLC's Nationwide BLM Bond No. COB000296.

KOCH EXPLORATION COMPANY, LLC

N3755

By:  Date: September 1, 2011

Brian J. Kissick
Vice President

Address: 9777 Pyramid Court, Suite 210
Englewood, Colorado 80112

Telephone Number: (303) 325-2561

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)
J. Michael Schween

Title Agent and Attorney-in-Fact

Signature


Date 09/01/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

APPROVED 12/19/2011

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.


Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)



Change of Operator from EOG Resources, Inc (N9555)
to Koch Exploration Company, LLC (N3755)

| | | | | | | | | |
|-------------------------|----|------|------|------------|-------|---------|----|---|
| HOME FED 1 | 34 | 100S | 190E | 4304730223 | 10 | Federal | GW | S |
| LITTLE PAPOOSE FED 1-26 | 26 | 100S | 190E | 4304731779 | 10715 | Federal | GW | P |
| WH FED 2-26 | 26 | 100S | 190E | 4304731882 | 11051 | Federal | GW | P |
| WH FED 2-35 | 35 | 100S | 190E | 4304731901 | 11254 | Federal | GW | P |
| WH FED 3-26 | 26 | 100S | 190E | 4304732377 | 11439 | Federal | GW | P |
| WH FED 3-35 | 35 | 100S | 190E | 4304732389 | 11444 | Federal | GW | P |
| WILDHORSE FED 105-34 | 34 | 100S | 190E | 4304733419 | 12689 | Federal | GW | S |
| WILDHORSE FED 106-35 | 35 | 100S | 190E | 4304733420 | 12688 | Federal | GW | P |
| WHB 8-35E | 35 | 100S | 190E | 4304735038 | 14118 | Federal | GW | S |
| WHB 8-34E | 34 | 100S | 190E | 4304735044 | 14404 | Federal | GW | P |
| WHB 11-35E | 35 | 100S | 190E | 4304735053 | 14426 | Federal | GW | P |
| WHB 3-35E | 35 | 100S | 190E | 4304735066 | 14403 | Federal | GW | P |
| WHB 9-35E | 35 | 100S | 190E | 4304735067 | 14405 | Federal | GW | P |
| WH FED 120-34 | 34 | 100S | 190E | 4304736744 | 15224 | Federal | GW | P |
| WH FED 121-34 | 34 | 100S | 190E | 4304736745 | 15602 | Federal | GW | S |
| WH FED 116-34 | 34 | 100S | 190E | 4304736746 | 15616 | Federal | GW | P |
| WH FED 109-35 | 35 | 100S | 190E | 4304736747 | 15252 | Federal | GW | P |
| WH FED 112-35 | 35 | 100S | 190E | 4304736748 | 15613 | Federal | GW | S |
| WH FED 115-35 | 35 | 100S | 190E | 4304736749 | 15221 | Federal | GW | P |
| WH FED 118-35 | 35 | 100S | 190E | 4304736750 | 15222 | Federal | GW | S |
| WH FED 117-35 | 35 | 100S | 190E | 4304736751 | 15251 | Federal | GW | P |
| WH FED 108-34 | 34 | 100S | 190E | 4304737668 | 16115 | Federal | GW | P |
| WH FED 110-35 | 35 | 100S | 190E | 4304737669 | 16081 | Federal | GW | P |
| WH FED 107-34 | 34 | 100S | 190E | 4304737681 | 15958 | Federal | GW | P |
| WH FED 111-35 | 35 | 100S | 190E | 4304737682 | 16001 | Federal | GW | P |
| WH FED 119-35 | 35 | 100S | 190E | 4304737683 | 16047 | Federal | GW | P |
| WH FED 122-34 | 34 | 100S | 190E | 4304739436 | 16900 | Federal | GW | P |
| WH FED 123-35 | 35 | 100S | 190E | 4304739437 | 16960 | Federal | GW | P |

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
Multiple Leases

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
EOG Resources, Inc

3a. Address
1060 EAST HIGHWAY 40, VERNAL, UT 84078

3b. Phone No. (include area code)
435-781-9145

7. If Unit of CA/Agreement, Name and/or No.
Natural Buttes

8. Well Name and No.
Multiple Wells

9. API Well No.
See Attached

10. Field and Pool or Exploratory Area
Natural Buttes

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
See Attached

11. Country or Parish, State
Uintah, Utah

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|--|---|---|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other <u>Change of Operator</u> |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

EOG Resources, Inc. has assigned all of its right, title and interest in the wells described in the attached list (the "Subject Wells") to Koch Exploration Company, LLC and will relinquish and transfer operatorship of all of the Subject Wells to Koch Exploration Company, LLC on October 1, 2011.

As of October 1, 2011, Koch Exploration Company, LLC will be considered to be the operator of each of the Subject Wells and will be responsible under the terms and conditions of the applicable lease for the operations conducted upon the leased lands. Bond coverage is provided under Koch Exploration Company, LLC's Nationwide BLM Bond No. COB000296.

KOCH EXPLORATION COMPANY, LLC

By: Brian J. Kissick Date: September 1, 2011
Vice President

Address: 9777 Pyramid Court, Suite 210
Englewood, Colorado 80112

Telephone Number: (303) 325-2561

14. I hereby certify that the foregoing is true and correct.
Name (Printed/Typed)

J. Michael Schween

Title Agent and Attorney-in-Fact

Signature

Date 09/01/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Assistant Field Manager
Lands & Mineral Resources

NOV 02 2011

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

VERNAL FIELD OFFICE

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

UDOGM

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NOV 04 2011
DIV. OF OIL, GAS & MINING

EXHIBIT A

| API # | Well Name | Lease # | Unit Name | Unit # | Legal Description |
|------------|-----------------------|----------|-------------|------------|-------------------|
| 4304730223 | HOME FEDERAL 1-34 | UTU3405 | N/A | N/A | 10S-19E-34-NENE |
| 4304731722 | OSCU II 1-27 | UTU49518 | North Alger | UTU063094X | 10S-19E-27-SENE |
| 4304731898 | OSCU II 2-27 | UTU49518 | North Alger | UTU063094X | 10S-19E-27-NWSE |
| 4304733463 | OSCU II 108-27 | UTU49518 | North Alger | UTU063094X | 10S-19E-27-NENE |
| 4304736269 | OSCU II 109-27 | UTU49518 | North Alger | UTU063094X | 10S-19E-27-SWSE |
| 4304737680 | OSCU II 116-27 | UTU49518 | North Alger | UTU063094X | 10S-19E-27-NESE |
| 4304737678 | OSCU II 122-27 | UTU49518 | North Alger | UTU063094X | 10S-19E-27-NWNE |
| 4304736743 | OSCU II 123-27 | UTU49518 | North Alger | UTU063094X | 10S-19E-27-SWNE |
| 4304737679 | OSCU II 124-27 | UTU49518 | North Alger | UTU063094X | 10S-19E-27-SESE |
| 4304738902 | OSCU II 125-34 | UTU49523 | North Alger | UTU063094X | 10S-19E-34-NENNW |
| 4304738901 | OSCU II 126-34 | UTU49523 | North Alger | UTU063094X | 10S-19E-34-NESW |
| 4304735066 | WHB 3-35E | UTU3405 | N/A | N/A | 10S-19E-35-NENNW |
| 4304735044 | WHB 8-34E | UTU3405 | N/A | N/A | 10S-19E-34-SENE |
| 4304735038 | WHB 8-35E | UTU3405 | N/A | N/A | 10S-19E-35-SENE |
| 4304735067 | WHB 9-35E | UTU3405 | N/A | N/A | 10S-19E-35-NESE |
| 4304735053 | WHB 11-35E | UTU3405 | N/A | N/A | 10S-19E-35-NESW |
| 4304731901 | WILD HORSE FED 2-35 | UTU3405 | N/A | N/A | 10S-19E-35-NWNW |
| 4304732389 | WILD HORSE FED 3-35 | UTU3405 | N/A | N/A | 10S-19E-35-NWSW |
| 4304733419 | WILD HORSE FED 105-34 | UTU3405 | N/A | N/A | 10S-19E-34-NWNE |
| 4304733420 | WILD HORSE FED 106-35 | UTU3405 | N/A | N/A | 10S-19E-35-SENW |
| 4304737681 | WILD HORSE FED 107-34 | UTU49523 | N/A | N/A | 10S-19E-34-SESW |
| 4304737668 | WILD HORSE FED 108-34 | UTU3405 | N/A | N/A | 10S-19E-34-SESE |
| 4304736747 | WILD HORSE FED 109-35 | UTU3405 | N/A | N/A | 10S-19E-35-SWSW |
| 4304737669 | WILD HORSE FED 110-35 | UTU3405 | N/A | N/A | 10S-19E-35-SWSE |
| 4304737682 | WILD HORSE FED 111-35 | UTU3405 | N/A | N/A | 10S-19E-35-SESW |
| 4304736748 | WILD HORSE FED 112-35 | UTU3405 | N/A | N/A | 10S-19E-35-SESE |
| 4304736749 | WILD HORSE FED 115-35 | UTU3405 | N/A | N/A | 10S-19E-35-NWNE |
| 4304736746 | WILD HORSE FED 116-34 | UTU3405 | N/A | N/A | 10S-19E-34-NESE |
| 4304736751 | WILD HORSE FED 117-35 | UTU3405 | N/A | N/A | 10S-19E-35-SWNW |
| 4304736750 | WILD HORSE FED 118-35 | UTU3405 | N/A | N/A | 10S-19E-35-SWNE |
| 4304737683 | WILD HORSE FED 119-35 | UTU3405 | N/A | N/A | 10S-19E-35-NWSE |
| 4304736744 | WILD HORSE FED 120-34 | UTU3405 | N/A | N/A | 10S-19E-34-SWNE |
| 4304736745 | WILD HORSE FED 121-34 | UTU3405 | N/A | N/A | 10S-19E-34-SWSE |
| 4304739436 | WILD HORSE FED 122-34 | UTU3405 | N/A | N/A | 10S-19E-34-NWSE |
| 4304739437 | WILD HORSE FED 123-35 | UTU3405 | N/A | N/A | 10S-19E-35-NENE |



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Green River District-Vernal Field Office
170 South 500 East
Vernal, UT 84078
(435) 781-4400 Fax: (435) 781-4410
<http://www.blm.gov/ut/st/en/fo/vernal.html>



43-047-33419

IN REPLY REFER TO:
3162.3 (UTG011)

NOV 02 2011

Brian J. Kissick
Koch Exploration Company, LLC
9777 Pyramid Court, Suite 210
Englewood, CO 80112

Re: Change of Operator
Well No. Wild Horse Federal 105-34
NWNE, Sec. 34, T10S, R19E
Uintah County, Utah
Lease No. UTU-3405

Dear Mr. Kissick:

This correspondence is in regard to the self-certification statement submitted requesting a change of operator for the above referenced well. After a review by this office, the change of operator request is approved. Effective October 1, 2011, Koch Exploration Company, LLC is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. COB000296, for all operations conducted on the referenced well on the leased land.

If you have any questions regarding this matter, please contact Cindy Severson of this office at (435) 781-4455.

Sincerely,

/s/ Jerry Kenczka

Jerry Kenczka
Assistant Field Manager
Lands & Mineral Resources

Enclosure

cc: UDOGM
XTO Energy, Inc.
EOG Resources, Inc.

bcc: Well File
Reading File

RECEIVED
NOV 04 2011
DIV. OF OIL, GAS & MINING

| | | | | | |
|---|---|---|---|--|---|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 | | | |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-3405 | | | |
| 1. TYPE OF WELL Gas Well | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: | | | |
| 2. NAME OF OPERATOR: KOCH EXPLORATION COMPANY LLC | | 8. WELL NAME and NUMBER: WILDHORSE FED 105-34 | | | |
| 3. ADDRESS OF OPERATOR: 950 17th Street, Suite 1900 , Denver, CO, 80202 | | 9. API NUMBER: 43047334190000 | | | |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FNL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 34 Township: 10.0S Range: 19.0E Meridian: S | | 9. FIELD and POOL or WILDCAT: NATURAL BUTTES | | | |
| COUNTY: UINTAH | | STATE: UTAH | | | |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | | | | |
| TYPE OF SUBMISSION | TYPE OF ACTION | | | | |
| <input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 11/1/2015 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date: | <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/> </td> </tr> </table> | | <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER | <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/> |
| <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER | <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/> | | | |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 65%;"> <p>Koch Exploration Intends to remediate the production casing cement across the intervals described in the procedure attachment as prescribed by appendix F in the UIC from the EPA for the proposed 1-34 SWD (API: 43-047-54893). Upon remediation the well will be plugged and abandoned. If the opportunity to successfully retrieve an isolated water sample from the Birds Nest formation presents itself then we will plan to perforate, swab, then squeeze cement across the Birds Nest interval prior to abandonment. Details provided in attached procedure.</p> </div> <div style="width: 30%; text-align: right;"> <p>Accepted by the Utah Division of Oil, Gas and Mining</p> <p>Date: <u>October 20, 2015</u> By: <u>Derek Duff</u></p> </div> </div> | | | | | |
| NAME (PLEASE PRINT) Theron Hoedel | | PHONE NUMBER 303 325-2565 | | | |
| SIGNATURE N/A | | TITLE Operations Engineer | | | |
| DATE 10/20/2015 | | | | | |

Koch Exploration Company LLC
Remedial Cement, P&A Procedure
Wild Horse Federal 105-34

API Number: 43-047-33419

Well Location: NWNE 660' FNL, 1980' FEL
Section 34, T10S, R19E
Uintah County, WY
39.9089 Lat, -109.7651 Long

Elevation: 5296' GL (5311' KB)

TD: 6200' (PBTD @ 5869')

Casing: 8 5/8" 24# J-55 Surface Casing set at 236'
4 1/2" 10.5# J-55 Production Casing set at 5884'

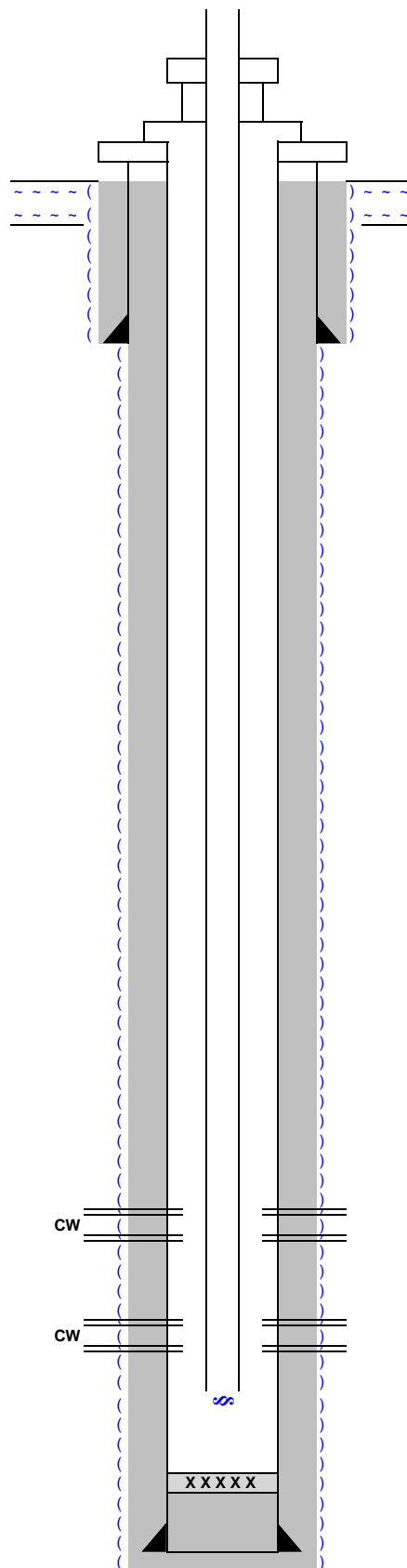
Scope: Plug and abandon the WHF 105-34 well and remediate the production casing cement (via squeeze procedures) across the upper confining zone of water disposal injection from the proposed 1-34 SWD (API: 43-047-54893) as prescribed as a corrective action requirement in Appendix F of the UIC from the EPA. Sample and test Birds Nest water salinity if feasible.

1. MIRU Rig, ND Tree, NU BOP's and spot auxiliary eqpt.
2. Pull tubing and lay down.
3. PU workstring, run bit and casing scraper to 5500 ft. TOH and PU cement retainer to set at ~5485 ft (top perforation at 5511 ft). TOOH to PU stinger tool and TIH, sting into retainer.
4. MIRU cementers, pump cement into casing/perforations
 - a. Casing volume (4.5#, 10.5# = 0.0159 bbl/ft * (5869 ft – 5480 ft) = 6.2 bbls
5. Sting out of cement retainer and 150 ft cement plug on top of retainer (5335 – 5485 ft)
 - a. 0.0159 bbl/ft * 150 ft = 2.4 bbls
6. RDMO cementers. PU minimum of 500 ft of workstring and reverse circulate bottoms up with fresh water and corrosion inhibitor. TOH.
7. MIRU Eline, run CBL from 3500 ft to surface. RIH and shoot squeeze perforations across base of upper confining interval (~3430 ft – exact depth TBD based on CBL results). POH. Eline standby.
8. Hook up rig pumps to BOP, open surface casing wellhead valve and attempt to establish circulation up the 4-1/2" x 8-5/8" annulus. If successful, then pump circulation squeeze job with 100% of full void cement needs from 3430 ft to surface (~140 bbls) and continue to step 14.
9. If well does not circulate then TIH with Eline and shoot upper squeeze perforations at ~3330 ft. RDMO Eline.
10. PU cement retainer and TIH with workstring and set retainer at ~3405 ft. TOH and PU stinger tool, TIH. Circulate hole with water prior to stinging in. Sting in to retainer and attempt to circulate through squeeze perms.
11. MIRU cementers. If the well circulates then pump circulation squeeze (~7 bbls for 150 ft void of cement behind casing), and if the well does not then pump block squeeze into lower perms at 3430 ft.

12. Sting out of retainer, pick up a minimum of 500 ft and reverse circulate clean. SWIFN.
13. Break circulation, close pipe rams, open surface casing valve and attempt to circulate well up the 4-1/2" x 8-5/8" annulus. If well circulates then pump circulation squeeze job (full void = 133 bbls). If well does not circulate then pump balanced plug from 3105 ft – 3405 ft (4.8 Bbls) and squeeze cement into perforations.
14. Pick up a minimum of 500 ft and reverse circulate clean. TOH, PU bit, TIH, WOC.
15. Drill up cement and retainer, then circulate fresh water with corrosion inhibitor, TOH
16. MIRU Eline and run CBL from 4500 ft to surface. RDMO Eline.
 - a. If CBL shows good isolation above, below, and throughout Birds Nest interval, then there will be a contingency to shoot a hole and attempt to swab in Birds Nest Water in order to achieve a representative formation fluid sample (stabilized conductivity for three or more swab runs). After swabbing this will require one additional squeeze across this interval with a 100 ft cement plug above the squeezed perforation.
17. TIH, MIRU cementers, and set balanced plug from 3200 – 3350 ft (2.4 bbls), POH and LD joints
18. Cut off wellhead
19. TIH to ~500 ft and pump cement to surface
20. Top fill all casing annuli with cement
21. Weld cap on casing. RDMO. Start reclamation.

WELLBORE DIAGRAM**Well Name: Wild Horse Federal 105-34**

Operator: EOG Resources, Inc.
 Field Name: Old Squaw's Crossing Area
 Surface Location: Sec. 34-T10S-R19E
 NWNE, 660' FNL & 1980' FEL
 County: Uintah
 API #: 43-047-33419
 Date: 3/21/2011



GL: 5,296'

KB: 5,311'

Spud Date: 1/17/2000 12:00 AM

Completion Date: 4/16/2000

Surface Casing: 8-5/8", 24#, J-55 @ 236' KB
 w/100 sx Lite cement followed by

Production Casing: 4-1/2", 10.5#, J-55 @ 5,884' KB
 w/600 sx Hi-Lift cement followed by
 300 sx 50:50 Pozmix cement

Tubing: 2-3/8", 4.7#, J-55 @ 5,739' KB

XN Nipple:

Packer:

DST's & Cores:

Notes:

Workover (10/00): Installed plunger lift

ORIGINAL COMPLETION

| Formation | Perforations | Treatment |
|-----------|---|--|
| CW | 5,511'-15', 5,519'-21', 5,531'-33', 5,544'-47' (3 SPF) | 22,008' gals YF-130 fluid w/115,000# 20/40 sand down casing |
| CW | 5,706'-08' (3 SPF) | Frac'd together w/CW |

PBTD: 5,869'
 TD: 6,200'

| | | |
|--|--|--|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-3405 |
| 1. TYPE OF WELL Gas Well | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 2. NAME OF OPERATOR: KOCH EXPLORATION COMPANY LLC | | 7. UNIT or CA AGREEMENT NAME: |
| 3. ADDRESS OF OPERATOR: 950 17th Street, Suite 1900 , Denver, CO, 80202 | | 8. WELL NAME and NUMBER: WILDHORSE FED 105-34 |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FNL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 34 Township: 10.0S Range: 19.0E Meridian: S | | 9. API NUMBER: 43047334190000 |
| PHONE NUMBER: 303 325-2562 Ext | | 9. FIELD and POOL or WILDCAT: NATURAL BUTTES |
| COUNTY: UINTAH | | STATE: UTAH |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | |
| TYPE OF SUBMISSION | TYPE OF ACTION | |
| <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: | <input type="checkbox"/> ACIDIZE | |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/18/2016 | <input type="checkbox"/> ALTER CASING | |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | <input type="checkbox"/> CASING REPAIR | |
| <input type="checkbox"/> DRILLING REPORT Report Date: | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | |
| | <input type="checkbox"/> CHANGE WELL STATUS | |
| | <input type="checkbox"/> CHANGE TUBING | |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | |
| | <input type="checkbox"/> DEEPEN | |
| | <input type="checkbox"/> FRACTURE TREAT | |
| | <input checked="" type="checkbox"/> PLUG AND ABANDON | |
| | <input type="checkbox"/> NEW CONSTRUCTION | |
| | <input type="checkbox"/> OPERATOR CHANGE | |
| | <input type="checkbox"/> PLUG BACK | |
| | <input type="checkbox"/> RECLAMATION OF WELL SITE | |
| | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION | |
| | <input type="checkbox"/> PRODUCTION START OR RESUME | |
| | <input type="checkbox"/> TEMPORARY ABANDON | |
| | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | |
| | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | |
| | <input type="checkbox"/> TUBING REPAIR | |
| | <input type="checkbox"/> VENT OR FLARE | |
| | <input type="checkbox"/> WATER SHUTOFF | |
| | <input type="checkbox"/> SI TA STATUS EXTENSION | |
| | <input type="checkbox"/> WILDCAT WELL DETERMINATION | |
| | <input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/> | |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 70%;"> <p>KOCH EXPLORATION COMPANY COMPLETED THE PLUG AND ABANDONMENT OF THE 105-34 WELL ON 3/18/2016. ALL CEMENT USED WAS 15.8#, CLASS G CEMENT. A CICR WAS SET AT 5441' AND 5.5 BBLs OF CEMENT WAS PUMPED BELOW THE RETAINER WITH 1.3 BBLs BALANCED ABOVE. CEMENT WAS TAGGED AT 5300'. THE CASING WAS PERFORATED AT 1390 FT AND CEMENT WAS CIRCULATED UP THE SURFACE CASING ANNULUS THROUGH A CICR SET AT 1355' (69 BBLs CEMENT - RETURNS TO SURFACE). 22 BBLs OF CEMENT WAS BALANCED ABOVE THE CICR AT 1355'. THE WELLHEAD WAS CUT OFF AND ALL ANULLI TOP FILLED WITH CEMENT AND A P&A PLATE WITH ALL PERTINENT INFORMATION WAS WELDED ON THE CASING STUB AND BURIED. FINAL RECLAMATION OF THE 105-34 LOCATION WILL FOLLOW THIS P&A.</p> </div> <div style="width: 25%; text-align: center;"> <p>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 23, 2016</p> </div> </div> | | |
| NAME (PLEASE PRINT) Theron Hoedel | PHONE NUMBER 303 325-2565 | TITLE Operations Engineer |
| SIGNATURE N/A | DATE 3/22/2016 | |

WELLBORE DIAGRAM**Well Name: Wild Horse Federal 105-34**

Operator: Koch Exploration Co.
 Field Name: Old Squaw's Crossing Area
 Surface Location: Sec. 34-T10S-R19E
 NWNE, 660' FNL & 1980' FEL
 County: Uintah
 API #: 43-047-33419
 Date: 3.21.16

GL: 5,296'

KB: 5,311'

Spud Date: 1/17/2000 12:00 AM

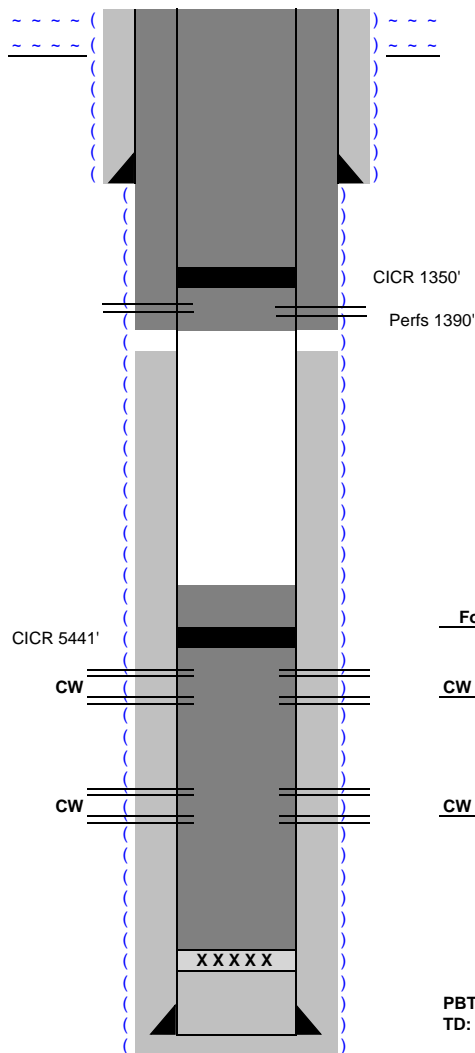
Completion Date: 4/16/2000

Surface Casing: 8-5/8", 24#, J-55 @ 236' KB
 w/100 sx Lite cement followed by

Production Casing: 4-1/2", 10.5#, J-55 @ 5,884' KB
 w/600 sx Hi-Lift cement followed by
 300 sx 50:50 Pozmix cement

Workover (10/00): Installed plunger lift

P&A (3/16): Set CICR at 5441'. Pump 5.5 Bbls 15.8# Class G cement below CICR. Sting out and leave 1.3 bbl above cement above CICR. Perf at 1390' and circulate cement (15.8#, Class G) up surface casing (69 Bbls). Pump 22 Bbl balanced plug (15.8#, Class G cement) from CICR to surface. Cut off WH, Top fill all annuli w/ 15.8#, Class G Cement. Weld P&A plate and

ORIGINAL COMPLETION

| Formation | Perforations | Treatment |
|-----------|---|--|
| CW | 5,511'-15', 5,519'-21', 5,531'-33', 5,544'-47' (3 SPF) | 22,008' gals YF-130 fluid w/115,000# 20/40 sand down casing |
| CW | 5,706'-08' (3 SPF) | Frac'd together w/CW |
| PBTD: | 5,869' | |
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